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Commonwealth of Massachusetts

Department of Employment and Training

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EMPLOYMENT TRENDS MASSACHUSETTS 1980 TO 1991

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EMPLOYMENT TRENDS

MASSACHUSETTS

1980 TO 1991

MASSACHUSETTS DEPARTMENT OF EMPLOYMENT AND TRAINING
FIELD SERVICE RESEARCH
CHARLES F. HURLEY BUILDING
GOVERNMENT CENTER
BOSTON, MASSACHUSETTS 02114

SEPTEMBER 1992

INTRODUCTION

This is one of a set of booklets prepared by the Massachusetts Department of Employment and Training to provide employment statistics for the Commonwealth and the major labor market areas. These areas, known as metropolitan statistical areas (MSAs) or primary metropolitan statistical areas (PMSAs), were defined by the federal government based on commuting patterns identified in the 1980 census. They became effective in 1985 in Massachusetts, but data have been revised back to 1980 for the nonagricultural wage and salary employment series, and back to 1983 for the local area unemployment statistics (except for the Salem-Gloucester PMSA for which only the latter series was revised). All of the sub-state data contained in these packets is for these labor market areas.

Two different types of data are provided for the state and each of the local areas. The nonagricultural wage and salary employment series is based on a survey of employers and is an estimate of jobs by place of work. The labor force and unemployment statistics are based on a household survey and are estimates of employed and unemployed persons by place of residence. These two data sources are not comparable, but each has important uses. The nonagricultural employment series provides estimates of employment by major industry division and selected industries for the state and the major labor areas. The local area unemployment statistics program is the source of information on local unemployment rates.

The major labor areas in Massachusetts are:

Boston PMSA
Brockton PMSA
Fall River, Mass.-R.I., PMSA
Fitchburg-Leominster MSA
Lawrence-Haverhill, Mass.-N.H., PMSA
Lowell, Mass.-N.H., PMSA
New Bedford MSA
Pittsfield MSA
Salem-Gloucester PMSA
Springfield MSA
Worcester MSA

A booklet of "Employment Trends" has been prepared for the state and each labor market area identified above. To obtain a copy of any of these booklets call 617/727-6530 or write to:

MASSACHUSETTS DEPARTMENT OF EMPLOYMENT AND TRAINING
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This booklet is organized as follows:

I. Labor Force and Unemployment Data/Massachusetts and United States, 1980-1991

The first table in this section provides annual average labor force and unemployment data for Massachusetts and unemployment rates for the United States for the years 1980 through 1991. The tables that follow it give the same type of statistics on a monthly basis, both seasonally adjusted and unadjusted.

II. Nonagricultural Wage and Salary Employment/Massachusetts and United States/Annual Averages 1980-1991

This section contains annual average nonagricultural employment levels for major industry divisions and selected industries in Massachusetts for the years 1980-1991, together with percent distributions and comparisons for selected years. Also included are a table providing similar data for major industry divisions in the United States, and a table showing total nonagricultural employment change from 1980 to 1991 in Massachusetts and each of its major labor market areas (except for the Salem-Gloucester PMSA).

III. Detailed Nonagricultural Wage and Salary Employment Tables/Massachusetts 1980-1991

This section contains detailed monthly and annual average nonagricultural employment levels for major industry divisions and selected industries in Massachusetts for the years 1980 through 1991. All monthly nonagricultural employment data in this booklet are not seasonally adjusted. A separate booklet provides seasonally adjusted monthly employment estimates for major industry divisions at the statewide level for the years 1982 through 1991.

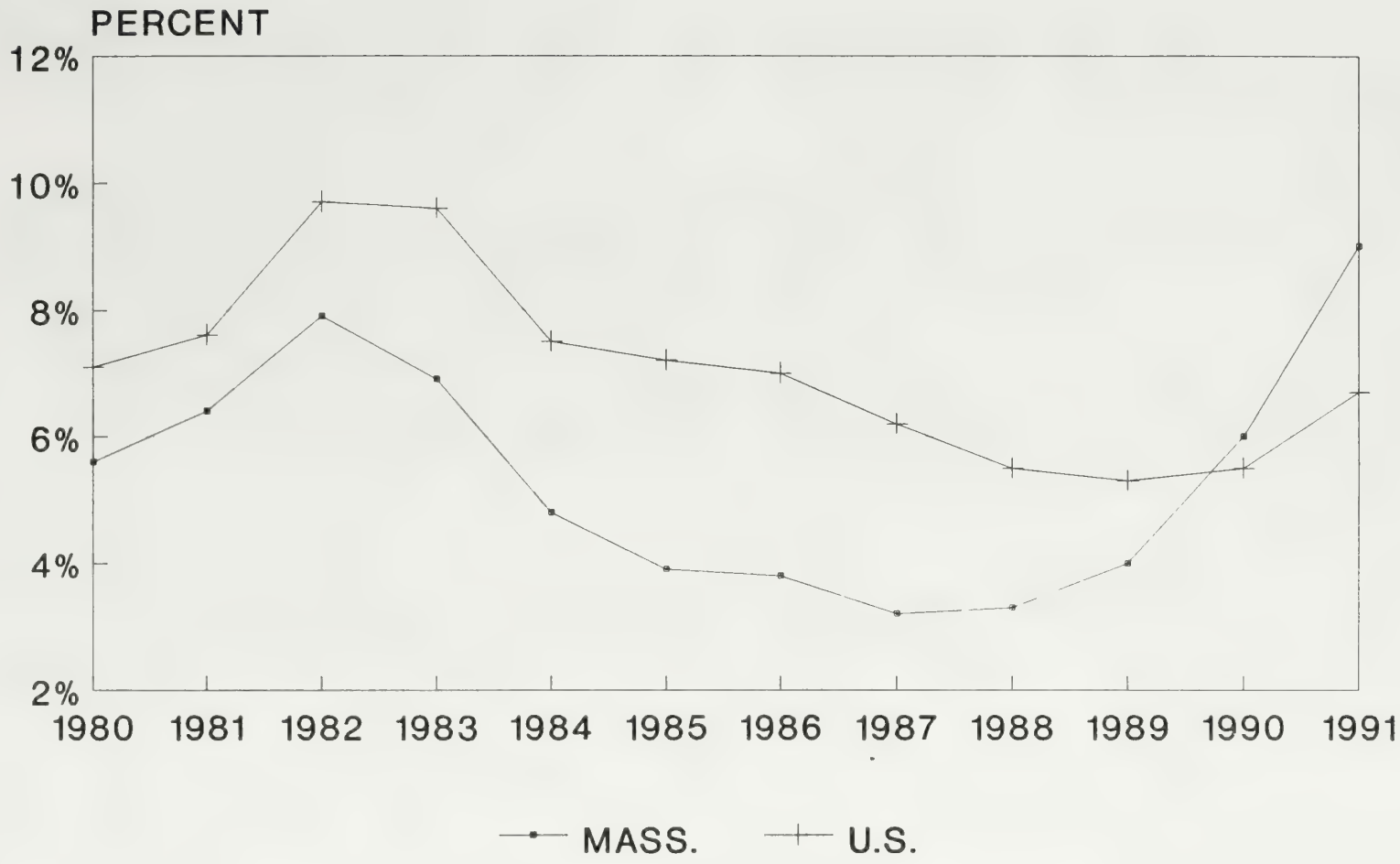
LABOR FORCE AND UNEMPLOYMENT DATA

MASSACHUSETTS

AND

UNITED STATES

ANNUAL UNEMPLOYMENT RATE
MASSACHUSETTS and UNITED STATES



MASSACHUSETTS LABOR FORCE DATA AND NATIONAL UNEMPLOYMENT RATE ANNUAL AVERAGES 1980–1991

(Numbers in Thousands)

	Working Age Population	Labor Force	Employ-ment	Unemploy-ment	Unemployment Rate Mass.	Unemployment Rate U.S.
1980	4,374	2,867	2,706	162	5.6%	7.1%
1981	4,418	2,947	2,760	187	6.4%	7.6%
1982	4,443	2,993	2,757	237	7.9%	9.7%
1983	4,472	2,977	2,772	205	6.9%	9.6%
1984	4,511	3,047	2,902	145	4.8%	7.5%
1985	4,534	3,051	2,931	120	3.9%	7.2%
1986	4,563	3,058	2,941	118	3.8%	7.0%
1987	4,587	3,086	2,987	99	3.2%	6.2%
1988	4,612	3,155	3,052	103	3.3%	5.5%
1989	4,618	3,180	3,053	127	4.0%	5.3%
1990	4,620	3,166	2,977	189	6.0%	5.5%
1991	4,624	3,127	2,847	280	9.0%	6.7%

SOURCE: Massachusetts Department of Employment and Training and The United States Department of Labor, Bureau of Labor Statistics, Current Population Survey.

NOTE: National figure excludes military.

MASSACHUSETTS LABOR FORCE DATA AND NATIONAL UNEMPLOYMENT RATE

REVISED 9/92

1990-1991, BY MONTH, NUMBERS IN 000's

SEASONALLY UNADJUSTED AND ADJUSTED DATA

	SEASONALLY UNADJUSTED						SEASONALLY ADJUSTED				
	WORKING AGE				% RATE					% RATE	
MONTH	POPULATION	LABOR FORCE	EMPLOYMENT	UNEMPLOYMENT	MASS	NAT'L	LABOR FORCE	EMPLOYMENT	UNEMPLOYMENT	MASS	NAT'L
1990					1990						
JAN	4619	3122	2967	155	5.0	5.9	3161	3020	141	4.5	5.3
FEB	4619	3174	2991	183	5.8	5.8	3191	3033	158	5.0	5.3
MAR	4618	3166	2978	188	5.9	5.4	3174	3010	164	5.2	5.2
APR	4619	3160	2987	173	5.5	5.2	3161	2989	172	5.4	5.4
MAY	4619	3190	3027	163	5.1	5.1	3195	3025	170	5.3	5.3
JUNE	4620	3233	3044	189	5.8	5.3	3177	2997	180	5.7	5.2
JULY	4620	3224	3014	209	6.5	5.5	3166	2973	193	6.1	5.4
AUG	4620	3238	3031	207	6.4	5.4	3198	2983	215	6.7	5.6
SEPT	4621	3147	2953	194	6.2	5.5	3164	2961	203	6.4	5.7
OCT	4620	3116	2930	186	6.0	5.4	3133	2924	209	6.7	5.8
NOV	4621	3108	2903	205	6.6	5.8	3135	2905	230	7.3	6.0
DEC	4622	3115	2897	218	7.0	5.9	3138	2896	242	7.7	6.1
ANNUAL AVG.	4620	3166	2977	189	6.0	5.5	3166	2977	189	6.0	5.5
1991					1991						
JAN	4622	3076	2798	278	9.0	7.0	3117	2854	263	8.4	6.2
FEB	4622	3103	2796	307	9.9	7.2	3117	2839	278	8.9	6.5
MAR	4622	3136	2814	322	10.3	7.1	3142	2847	295	9.4	6.7
APR	4622	3111	2852	260	8.3	6.5	3113	2853	260	8.4	6.6
MAY	4623	3124	2836	288	9.2	6.6	3126	2833	293	9.4	6.8
JUNE	4623	3167	2867	300	9.5	6.9	3114	2824	290	9.3	6.9
JULY	4624	3161	2864	297	9.4	6.7	3108	2827	281	9.0	6.8
AUG	4624	3109	2834	275	8.8	6.5	3072	2789	283	9.2	6.8
SEPT	4624	3125	2846	279	8.9	6.4	3139	2851	288	9.2	6.8
OCT	4625	3132	2874	258	8.2	6.4	3150	2867	283	9.0	6.9
NOV	4626	3132	2882	250	8.0	6.6	3157	2880	277	8.8	6.9
DEC	4627	3146	2897	249	7.9	6.8	3164	2889	275	8.7	7.1
ANNUAL AVG.	4624	3127	2847	280	9.0	6.7	3127	2847	280	9.0	6.7

SOURCE: MA Department of Employment and Training; U.S. Department of Labor - Bureau of Labor Statistics

MASSACHUSETTS LABOR FORCE DATA AND NATIONAL UNEMPLOYMENT RATE

REVISED 9/92

1988-1989, BY MONTH, NUMBERS IN 000's

SEASONALLY UNADJUSTED AND ADJUSTED DATA

		SEASONALLY UNADJUSTED					SEASONALLY ADJUSTED				
	WORKING AGE				% RATE					% RATE	
MONTH	POPULATION	LABOR FORCE	EMPLOYMENT	UNEMPLOYMENT	MASS	NAT'L	LABOR FORCE	EMPLOYMENT	UNEMPLOYMENT	MASS	NAT'L
1988					1988						
JAN	4602	3110	2992	118	3.8	6.3	3142	3038	104	3.3	5.7
FEB	4604	3105	2989	117	3.8	6.2	3134	3033	101	3.2	5.7
MAR	4606	3173	3059	114	3.6	5.9	3188	3094	94	2.9	5.7
APR	4608	3142	3050	92	2.9	5.3	3151	3061	90	2.9	5.4
MAY	4611	3113	3029	84	2.7	5.4	3128	3034	94	3.0	5.6
JUNE	4613	3224	3113	110	3.4	5.5	3163	3057	106	3.4	5.4
JULY	4615	3208	3092	116	3.6	5.5	3143	3041	102	3.2	5.4
AUG	4615	3194	3095	99	3.1	5.4	3142	3037	105	3.3	5.6
SEPT	4616	3138	3043	94	3.0	5.2	3155	3056	99	3.1	5.4
OCT	4616	3156	3066	89	2.8	5.0	3169	3062	107	3.4	5.4
NOV	4616	3152	3041	111	3.5	5.2	3177	3047	130	4.1	5.3
DEC	4616	3139	3045	94	3.0	5.0	3168	3056	112	3.5	5.3
ANNUAL AVG.	4612	3155	3052	103	3.3	5.5	3155	3052	103	3.3	5.5
1989					1989						
JAN	4617	3153	3033	120	3.8	6.0	3188	3082	106	3.3	5.4
FEB	4617	3180	3055	125	3.9	5.6	3201	3097	104	3.2	5.2
MAR	4617	3174	3047	127	4.0	5.2	3184	3079	105	3.3	5.0
APR	4617	3196	3078	118	3.7	5.1	3202	3084	118	3.7	5.2
MAY	4618	3187	3081	106	3.3	5.0	3197	3083	114	3.6	5.2
JUNE	4618	3236	3109	128	3.9	5.5	3179	3057	122	3.8	5.3
JULY	4618	3257	3106	151	4.6	5.3	3196	3060	136	4.3	5.3
AUG	4618	3253	3126	127	3.9	5.1	3207	3073	134	4.2	5.2
SEPT	4618	3121	2987	134	4.3	5.1	3139	2997	142	4.5	5.3
OCT	4619	3121	2993	128	4.1	5.0	3136	2988	148	4.7	5.3
NOV	4619	3140	3013	127	4.0	5.2	3168	3018	150	4.7	5.4
DEC	4619	3139	3008	131	4.2	5.1	3165	3013	152	4.8	5.3
ANNUAL AVG.	4618	3180	3053	127	4.0	5.3	3180	3053	127	4.0	5.3

SOURCE: MA Department of Employment and Training; U.S. Department of Labor - Bureau of Labor Statistics

MASSACHUSETTS LABOR FORCE DATA AND NATIONAL UNEMPLOYMENT RATE

REVISED 9/92

1986-1987, BY MONTH, NUMBERS IN 000's

SEASONALLY UNADJUSTED AND ADJUSTED DATA

		SEASONALLY UNADJUSTED						SEASONALLY ADJUSTED				
	WORKING AGE				% RATE						% RATE	
MONTH	POPULATION	LABOR FORCE	EMPLOYMENT	UNEMPLOYMENT	MASS	NAT'L		LABOR FORCE	EMPLOYMENT	UNEMPLOYMENT	MASS	NAT'L
1986						1986						
JAN	4549	3025	2903	123	4.1	7.3		3059	2953	106	3.5	6.8
FEB	4552	3013	2885	128	4.3	7.8		3056	2941	115	3.8	7.2
MAR	4554	3035	2905	130	4.3	7.5		3060	2948	112	3.7	7.2
APR	4557	3022	2906	116	3.8	7.0		3043	2925	118	3.9	7.1
MAY	4560	3033	2912	121	4.0	7.0		3053	2921	132	4.3	7.2
JUNE	4562	3060	2947	113	3.7	7.3		3006	2893	113	3.8	7.1
JULY	4565	3128	3008	120	3.8	7.0		3066	2953	113	3.7	7.0
AUG	4567	3146	3029	116	3.7	6.7		3085	2964	121	3.9	6.8
SEPT	4569	3061	2929	132	4.3	6.8		3074	2944	130	4.2	7.0
OCT	4571	3047	2944	103	3.4	6.6		3056	2939	117	3.8	6.9
NOV	4573	3062	2950	112	3.6	6.6		3071	2945	126	4.1	6.9
DEC	4575	3067	2971	96	3.1	6.3		3088	2982	106	3.4	6.7
ANNUAL AVG	4563	3058	2941	118	3.8	7.0		3058	2941	118	3.8	7.0
1987						1987						
JAN	4577	3029	2905	124	4.1	7.3		3060	2952	108	3.5	6.6
FEB	4578	3010	2892	118	3.9	7.2		3044	2940	104	3.4	6.6
MAR	4580	3057	2921	136	4.5	6.9		3076	2959	117	3.8	6.6
APR	4582	3056	2937	118	3.9	6.2		3070	2952	118	3.8	6.3
MAY	4584	3062	2959	103	3.4	6.1		3080	2966	114	3.7	6.3
JUNE	4586	3147	3050	97	3.1	6.3		3087	2992	95	3.1	6.2
JULY	4588	3142	3062	80	2.6	6.1		3076	3007	69	2.2	6.1
AUG	4590	3165	3076	89	2.8	5.8		3110	3016	94	3.0	6.0
SEPT	4593	3066	2981	85	2.8	5.7		3082	2995	87	2.8	5.9
OCT	4595	3111	3027	84	2.7	5.7		3124	3023	101	3.2	6.0
NOV	4597	3099	3026	72	2.3	5.6		3117	3029	88	2.8	5.8
DEC	4599	3089	3007	82	2.6	5.4		3117	3021	96	3.1	5.7
ANNUAL AVG	4587	3086	2987	99	3.2	6.2		3086	2987	99	3.2	6.2

SOURCE: MA Department of Employment and Training; U.S. Department of Labor - Bureau of Labor Statistics

MASSACHUSETTS LABOR FORCE DATA AND NATIONAL UNEMPLOYMENT RATE*

REVISED 2/2/90

1984-1985, BY MONTH, NUMBERS IN 000's

SEASONALLY UNADJUSTED AND ADJUSTED DATA

	SEASONALLY UNADJUSTED						SEASONALLY ADJUSTED				
					% RATE					% RATE	
MONTH	WORKING AGE POPULATION	LABOR FORCE	EMPLOYMENT	UNEMPLOYMENT	MASS	NAT'L	LABOR FORCE	EMPLOYMENT	UNEMPLOYMENT	MASS	NAT'L
1984						1984					
JAN	4493	3007	2786	221	7.3	8.8	3037	2838	199	6.6	
FEB	4497	2983	2794	189	6.3	8.4	3032	2857	175	5.8	
MAR	4501	3000	2825	175	5.8	8.1	3029	2871	158	5.2	
APR	4504	3036	2882	153	5.0	7.6	3073	2912	161	5.2	
MAY	4508	3020	2900	120	4.0	7.2	3045	2915	130	4.3	
JUNE	4511	3085	2947	138	4.5	7.4	3045	2914	131	4.3	
JULY	4515	3097	3962	134	4.3	7.5	3041	2911	130	4.3	
AUG	4517	3100	2953	147	4.7	7.3	3047	2892	155	5.1	
SEPT	4518	3049	2911	138	4.5	7.1	3052	2918	134	4.4	
OCT	4520	3054	2950	104	3.4	7.0	3052	2935	117	3.8	
NOV	4521	3076	2971	104	3.4	6.9	3060	2938	122	4.0	
DEC	4523	3056	2936	120	3.9	7.0	3058	2929	129	4.2	
ANN. AVER.	4511	3047	2902	145	4.8	7.5	3047	2902	145	4.8	
1985						1985					
JAN	4524	3006	2869	137	4.6	8.0	3038	2920	118	3.9	
FEB	4526	3025	2892	132	4.4	7.8	3075	2956	119	3.9	
MAR	4527	3021	2880	142	4.7	7.5	3051	2926	125	4.1	
APR	4529	3031	2918	112	3.7	7.1	3058	2942	116	3.8	
MAY	4530	3053	2948	105	3.4	7.0	3077	2960	117	3.8	
JUNE	4532	3119	2997	123	3.9	7.5	3072	2952	120	3.9	
JULY	4533	3105	2972	133	4.3	7.4	3046	2918	128	4.2	
AUG	4536	3096	2982	114	3.7	6.9	3034	2913	121	4.0	
SEPT	4538	3043	2923	120	3.9	6.9	3051	2935	116	3.8	
OCT	4514	3025	2925	100	3.3	6.8	3030	2916	114	3.8	
NOV	4544	3042	2933	109	3.6	6.7	3039	2915	124	4.1	
DEC	4546	3048	2930	118	3.9	6.7	3060	2933	127	4.2	
ANN. AVER.	4534	3051	2931	120	3.9	7.2	3051	2931	120	3.9	

* National figures exclude military

SOURCE: MA Department of Employment and Training; U.S. Department of Labor - Bureau of Labor Statistics

MASSACHUSETTS LABOR FORCE DATA AND NATIONAL UNEMPLOYMENT RATE*

REVISED 2/5/88

1982-1983, BY MONTH, NUMBERS IN 000's

SEASONALLY UNADJUSTED AND ADJUSTED DATA

		SEASONALLY UNADJUSTED					SEASONALLY ADJUSTED				
MONTH	WORKING AGE POPULATION	LABOR FORCE	EMPLOYMENT	UNEMPLOYMENT	% RATE MASS	% RATE NAT'L	LABOR FORCE	EMPLOYMENT	UNEMPLOYMENT	% RATE MASS	% RATE NAT'L
1982					1982						
JAN	4433	2967	2731	236	8.0	9.4	2989	2779	210	7.0	8.6
FEB	4434	2934	2689	244	8.3	9.6	2965	2736	229	7.7	8.9
MAR	4436	2949	2724	224	7.6	9.5	2969	2758	211	7.1	9.0
APR	4438	2920	2687	233	8.0	9.2	2966	2719	247	8.3	9.3
MAY	4440	2973	2718	255	8.6	9.1	3003	2741	262	8.7	9.6
JUNE	4441	3017	2745	272	9.0	9.8	2992	2733	259	8.7	9.6
JULY	4443	3073	2777	296	9.6	9.8	3028	2736	292	9.6	9.8
AUG	4445	3088	2853	236	7.6	9.6	3041	2802	239	7.9	9.8
SEPT	4448	3028	2805	223	7.4	9.7	3038	2816	222	7.3	10.1
OCT	4450	3005	2788	217	7.2	9.9	2989	2761	228	7.6	10.4
NOV	4453	3003	2809	194	6.5	10.4	2980	2761	219	7.3	10.8
DEC	4455	2965	2754	211	7.1	10.5	2955	2732	223	7.5	10.8
ANN. AVER.	4443	2993	2757	237	7.9	9.7	2993	2757	237	7.9	9.7
1983					1983						
JAN	4457	2950	2694	256	8.7	11.4	2976	2744	232	7.8	10.4
FEB	4460	2880	2644	236	8.2	11.3	2925	2705	220	7.5	10.4
MAR	4462	2930	2696	235	8.0	10.8	2958	2737	221	7.5	10.3
APR	4465	2920	2724	196	6.7	10.0	2962	2755	207	7.0	10.2
MAY	4467	2926	2735	191	6.5	9.8	2952	2753	199	6.7	10.1
JUNE	4470	2998	2774	224	7.5	10.2	2972	2759	213	7.2	10.1
JULY	4472	3019	2830	188	6.2	9.4	2970	2785	185	6.2	9.4
AUG	4476	3038	2856	182	6.0	9.2	2986	2797	189	6.3	9.4
SEPT	4479	2996	2785	211	7.0	8.8	3002	2793	209	7.0	9.2
OCT	4483	3007	2814	194	6.4	8.4	2995	2790	205	6.8	8.8
NOV	4486	3038	2869	169	5.6	8.1	3015	2824	191	6.3	8.5
DEC	4490	3026	2851	175	5.8	8.0	3018	2834	184	6.1	8.3
ANN. AVER.	4472	2977	2772	205	6.9	9.6	2977	2772	205	6.9	9.6

* National figures exclude military

5/1/89

MASSACHUSETTS LABOR FORCE DATA AND NATIONAL UNEMPLOYMENT RATE

1980 - 1985, BY MONTH, NUMBERS IN 000'S

SEASONALLY UNADJUSTED AND ADJUSTED DATA

National figure excludes Military

		SEASONALLY UNADJUSTED					SEASONALLY ADJUSTED				
MONTH	WORKING AGE POPULATION	LABOR FORCE	EMPLOYMENT	UNEMPLOYMENT	MASS RATE %	NAT'L RATE %	LABOR FORCE	EMPLOYMENT	UNEMPLOYMENT	MASS RATE %	NAT'L RATE %
1980						1980					
JAN	4357	2805	2625	180	6.4	6.9	2817	2666	151	5.4	6.3
FEB	4359	2799	2638	161	5.8	6.8	2829	2685	144	5.1	6.3
MAR	4362	2814	2665	149	5.3	6.6	2828	2688	140	5.0	6.3
APRIL	4364	2810	2669	140	5.0	6.7	2855	2699	156	5.5	6.9
MAY	4368	2843	2676	168	5.9	7.1	2878	2703	175	6.1	7.5
JUNE	4372	2874	2681	192	6.7	7.8	2836	2657	179	6.3	7.6
JULY	4376	2903	2727	176	6.1	7.9	2852	2682	170	6.0	7.8
AUG	4379	2909	2735	174	6.0	7.6	2859	2691	168	5.9	7.7
SEPT	4383	2881	2710	170	5.9	7.2	2900	2726	174	6.0	7.5
OCT	4387	2933	2768	165	5.6	7.1	2925	2745	180	6.2	7.5
NOV	4391	2918	2785	132	4.5	7.1	2903	2748	155	5.3	7.5
DEC	4395	2921	2795	126	4.3	6.9	2909	2770	139	4.8	7.2
ANN. AVER.	4374	2867	2706	162	5.6	7.1	2867	2706	162	5.6	7.1
1981						1981					
JAN	4399	2884	2700	183	6.4	8.2	2900	2744	156	5.4	7.5
FEB	4403	2919	2736	183	6.3	8.0	2955	2788	167	5.7	7.4
MAR	4407	2908	2731	177	6.1	7.7	2925	2758	167	5.7	7.4
APRIL	4410	2843	2698	145	5.1	7.0	2889	2729	160	5.5	7.2
MAY	4414	2871	2706	166	5.8	7.1	2904	2732	172	5.9	7.5
JUNE	4418	2949	2764	185	6.3	7.7	2919	2748	171	5.9	7.5
JULY	4422	2991	2794	197	6.6	7.3	2943	2752	191	6.5	7.2
AUG	4424	3014	2797	216	7.2	7.2	2963	2748	215	7.3	7.4
SEPT	4426	2925	2730	194	6.6	7.3	2939	2743	196	6.7	7.6
OCT	4427	3015	2811	203	6.7	7.5	2999	2784	215	7.2	7.9
NOV	4429	3030	2840	190	6.3	7.9	3011	2795	216	7.2	8.3
DEC	4431	3018	2811	207	6.9	8.3	3007	2787	220	7.3	8.5
ANN. AVER.	4418	2947	2760	187	6.4	7.6	2947	2760	187	6.4	7.6

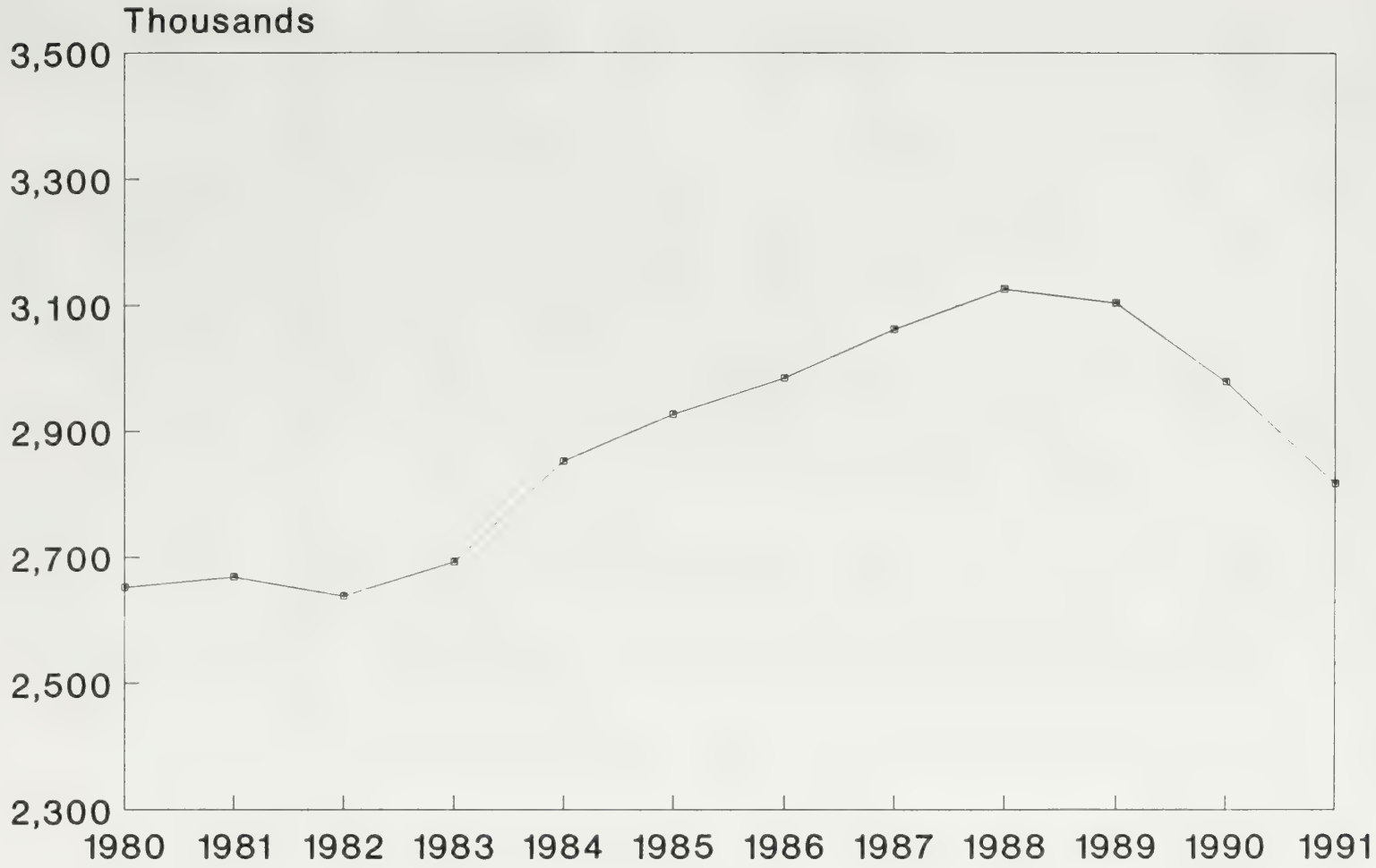
5/1/89

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT

MASSACHUSETTS AND UNITED STATES

ANNUAL AVERAGES

NONAGRICULTURAL EMPLOYMENT
MASSACHUSETTS 1980-1991



MASSACHUSETTS
NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT
ANNUAL AVERAGES 1980–1991

(In Thousands)

Industry	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
Nonagricultural Employment	2,652.2	2,668.3	2,638.0	2,692.5	2,851.8	2,926.0	2,984.8	3,061.8	3,126.2	3,103.4	2,979.0	2,817.0
Manufacturing	673.3	668.0	636.5	629.0	667.6	649.7	614.4	599.1	584.7	561.1	521.3	484.5
Durable Goods	435.7	435.2	414.4	409.2	443.5	436.0	409.1	398.0	388.1	372.1	342.7	316.2
Nondurable Goods	237.6	232.9	222.1	219.7	224.1	213.6	205.3	201.1	196.5	189.0	178.6	168.3
Mining 1	----	----	1.1	1.0	1.2	1.5	1.6	1.6	1.7	1.6	1.4	1.2
Construction	77.4	79.6	78.4	82.6	96.4	109.4	123.2	137.7	142.1	126.8	101.1	79.3
Transportation and Public Utilities	121.6	120.1	120.0	118.2	123.3	125.4	125.9	131.0	133.6	128.3	129.9	124.2
Wholesale & Retail Trade	576.6	581.3	579.2	612.7	658.3	684.1	709.7	723.4	739.4	740.5	700.1	649.5
Wholesale Trade	----	----	133.3	140.8	151.9	154.7	162.8	170.9	179.9	179.6	170.2	158.2
Retail Trade	----	----	445.9	471.9	507.3	529.3	529.4	546.9	560.5	560.9	529.8	491.3
Finance, Insurance and Real Estate	159.0	164.8	168.7	171.8	179.0	188.1	202.6	217.9	221.5	217.3	213.3	203.9
Services 1	634.0	663.5	683.5	705.8	754.0	786.5	818.4	853.9	896.6	924.1	915.7	889.9
Government	410.3	391.1	370.7	371.4	371.4	381.3	389.0	397.2	406.7	403.6	396.4	384.5
High Technology Mfg.	----	238.4	238.2	240.2	261.3	258.5	245.0	239.9	238.6	229.9	213.2	198.5
High Technology Nonmfg.	----	----	----	----	70.2	75.9	82.0	85.2	94.1	95.6	93.6	88.6

SOURCE: Massachusetts Department of Employment and Training, Current Employment Statistics Program (CES-790).

NOTE: Numbers may not add to totals due to rounding.

1. Services and mining were combined prior to 1982.

MASSACHUSETTS
NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT
PERCENT DISTRIBUTION

Industry	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
Nonagricultural Employment	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Manufacturing	25.4%	25.0%	24.1%	23.4%	23.4%	22.2%	20.6%	19.6%	18.7%	18.1%	17.5%	17.2%
Durable Goods	16.4%	16.3%	15.7%	15.2%	15.6%	14.9%	13.7%	13.0%	12.4%	12.0%	11.5%	11.2%
Nondurable Goods	9.0%	8.7%	8.4%	8.2%	7.9%	7.3%	6.9%	6.6%	6.3%	6.1%	6.0%	6.0%
Mining 1	----	----	0.0%	0.0%	0.0%	0.1%	0.1%	0.1%	0.1%	0.1%	0.0%	0.0%
Construction	2.9%	3.0%	3.0%	3.1%	3.4%	3.7%	4.1%	4.5%	4.5%	4.1%	3.4%	2.8%
Transportation and Public Utilities	4.6%	4.5%	4.5%	4.4%	4.3%	4.3%	4.2%	4.3%	4.3%	4.1%	4.4%	4.4%
Wholesale & Retail Trade	21.7%	21.8%	22.0%	22.8%	23.1%	23.4%	23.8%	23.6%	23.7%	23.9%	23.5%	23.1%
Wholesale Trade	----	----	5.1%	5.2%	5.3%	5.3%	5.5%	5.6%	5.8%	5.8%	5.7%	5.6%
Retail Trade	----	----	16.9%	17.5%	17.8%	18.1%	17.7%	17.9%	17.9%	18.1%	17.8%	17.4%
Finance, Insurance and Real Estate	6.0%	6.2%	6.4%	6.4%	6.3%	6.4%	6.8%	7.1%	7.1%	7.0%	7.2%	7.2%
Services 1	23.9%	24.9%	25.9%	26.2%	26.4%	26.9%	27.4%	27.9%	28.7%	29.8%	30.7%	31.6%
Government	15.5%	14.7%	14.1%	13.8%	13.0%	13.0%	13.0%	13.0%	13.0%	13.0%	13.3%	13.6%
High Technology Mfg.	----	8.9%	9.0%	8.9%	9.2%	8.8%	8.2%	7.8%	7.6%	7.4%	7.2%	7.0%
High Technology Nonmfg.	----	----	----	----	2.5%	2.6%	2.7%	2.8%	3.0%	3.1%	3.1%	3.1%

SOURCE: Massachusetts Department of Employment and Training, Current Employment Statistics Program (CES-790).

NOTE: Numbers may not add to totals due to rounding.

1. Services and mining were combined prior to 1982.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT
MASSACHUSETTS
ANNUAL AVERAGES 1980–1989
(In Thousands)

Industry	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
Nonagricultural Employment	2,652.2	2,668.3	2,638.0	2,692.5	2,851.8	2,926.0	2,984.8	3,061.8	3,126.2	3,103.4
Total Private Employment	–	–	–	–	–	–	–	–	2,719.5	2,699.8
Goods Producing	–	–	–	–	–	–	–	–	728.4	689.5
Mining 1	–	–	1.1	1.0	1.2	1.5	1.6	1.6	1.7	1.6
Construction	77.4	79.6	78.4	82.6	96.4	109.4	123.2	137.7	142.1	126.8
General Building Contractors	–	–	–	–	–	–	–	–	–	35.8
Heavy Construction, ex. Bldg.	–	–	–	–	–	–	–	–	–	9.7
Special Trade Contractors	–	–	–	–	–	–	–	–	–	81.3
Manufacturing	673.3	668.0	636.5	629.0	667.6	649.7	614.4	599.1	584.7	561.1
Durable Goods	435.7	435.2	414.4	409.2	443.5	436.0	409.1	398.0	388.1	372.1
Lumber & Furniture	13.3	13.0	11.7	11.9	13.1	13.3	13.5	13.6	12.9	11.2
Stone, Clay & Glass	13.1	12.8	11.8	11.3	11.8	11.5	10.8	10.7	10.7	10.0
Primary Metals*	17.5	17.2	15.4	15.0	16.5	15.8	15.8	15.6	12.9	12.3
Fabricated Metals*	53.4	51.5	47.8	46.1	48.3	45.3	42.8	41.7	45.0	43.2
Cutlery, Hand Tools & Hardware	12.5	11.9	10.2	9.4	10.1	9.6	9.6	9.1	8.8	8.3
Machinery, Ex. Electrical	117.8	118.6	113.7	111.9	123.0	119.0	107.4	102.3	–	–
Industrial Machinery & Equip.	–	–	–	–	–	–	–	–	100.0	95.8
Metalworking Machinery	17.7	17.2	15.3	13.8	14.5	14.7	13.7	13.0	12.9	11.8
Special Industry Machinery	16.9	16.3	14.7	13.2	14.7	14.5	12.4	11.7	10.9	10.2
Computer & Office Equip.	–	57.5	58.6	62.0	69.3	65.2	58.3	55.0	54.0	52.0
Electronic & Electric Equip.*	98.2	99.2	98.0	97.9	109.7	111.3	107.4	105.2	82.6	79.3
Communications Equipment*	32.8	34.7	33.4	33.6	39.5	43.7	42.9	39.7	19.2	19.2
Electronic Components*	36.5	37.6	39.1	39.4	44.5	43.0	40.9	40.5	38.1	36.6
Transportation Equipment	37.3	35.5	33.4	35.0	40.3	41.6	37.1	35.4	32.4	30.6
Instruments*	58.5	61.7	59.3	57.7	59.1	58.0	55.1	54.5	72.4	71.2
Measuring & Controlling Devices*	20.2	23.2	22.7	21.9	23.4	23.0	20.8	20.0	28.2	28.2
Misc. Manufacturing	26.6	25.6	23.4	22.4	21.8	20.2	19.2	19.1	19.2	18.3
Jewelry	8.9	8.9	9.1	9.3	8.9	8.2	7.4	7.3	7.3	7.2
Nondurable Goods	237.6	232.9	222.1	219.7	224.1	213.6	205.3	201.1	196.5	189.0
Food & Kindred Products	27.4	25.4	24.5	24.1	24.0	23.1	22.7	21.4	21.0	20.5
Textile Mill Products	25.6	24.3	20.2	20.2	20.2	18.8	17.7	17.1	16.3	15.5
Apparel	39.8	39.6	37.5	35.9	36.0	31.7	27.8	25.4	23.7	22.0
Men's & Boys' Suits, Coats	9.0	8.8	8.8	8.3	8.8	7.8	7.1	6.7	–	–
Paper & Allied Products	28.2	27.2	26.3	26.0	26.9	25.9	24.8	24.7	24.3	23.4
Printing & Publishing	44.8	45.8	46.7	48.1	51.7	53.3	54.2	55.6	55.8	55.0
Chemicals	18.4	18.4	17.2	16.8	17.8	17.6	17.2	18.0	18.6	18.4
Rubber & Misc. Plastics	30.6	29.5	29.8	30.5	31.0	29.3	29.4	28.7	26.9	25.3
Misc. Plastic Products	21.7	21.6	22.3	22.9	22.7	21.9	22.2	22.0	20.3	18.9
Leather & Leather Products	21.4	20.9	18.3	16.7	15.1	12.6	10.0	8.8	8.4	7.5
Footwear, Ex. Rubber	12.5	11.9	10.4	9.0	7.8	6.6	5.3	4.3	–	–
Other Nondurable Goods	1.5	1.9	1.7	1.5	1.5	1.5	1.4	1.5	–	–

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT
MASSACHUSETTS
ANNUAL AVERAGES 1980–1989
(In Thousands)

Industry	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
Service Producing	–	–	–	–	–	–	–	–	2,397.8	2,413.9
Private Service Producing	–	–	–	–	–	–	–	–	1,991.1	2,010.3
Transportation & Pub. Utilities	121.6	120.1	120.0	118.2	123.3	125.4	125.9	131.0	133.6	128.3
Transportation	–	–	–	–	–	–	–	–	77.0	75.3
Communications & Utilities	–	–	–	–	–	–	–	–	56.7	53.0
Communications	–	–	–	–	–	–	–	–	33.7	29.3
Elec., Gas & Sanitary Serv.	–	–	–	–	–	–	–	–	23.0	23.7
Wholesale & Retail Trade	576.6	581.3	579.2	612.7	658.3	684.1	709.7	723.4	739.4	740.5
Wholesale Trade	–	–	133.3	140.8	151.9	154.7	162.8	170.9	178.9	179.6
Durable Goods	–	–	–	–	–	–	–	–	108.2	108.2
Nondurable Goods	–	–	–	–	–	–	–	–	70.7	71.4
Retail Trade	–	–	445.9	471.9	507.3	529.4	546.9	552.5	560.5	560.9
Build. Materials & Garden Supplies	–	–	–	–	–	–	–	–	22.7	21.8
Gen. Merchandise Stores	–	–	–	–	–	–	–	–	57.1	57.5
Food Stores	–	–	–	–	–	–	–	–	97.5	99.9
Auto Dealers & Service Sta.	–	–	–	–	–	–	–	–	52.3	49.6
Apparel & Accessories	–	–	–	–	–	–	–	–	45.9	46.9
Furniture & Equip. Stores	–	–	–	–	–	–	–	–	25.5	24.9
Eating & Drinking Places	–	–	–	–	–	–	–	–	176.9	177.7
Miscellaneous Retail	–	–	–	–	–	–	–	–	82.5	82.6
Finance, Insurance & Real Estate	159.0	164.8	168.7	171.8	179.0	188.1	202.6	217.9	221.5	217.3
Finance	–	–	–	–	–	–	–	–	108.6	107.1
Banking	48.0	50.4	52.2	53.1	54.6	56.7	61.4	63.9	–	–
Depository Institutions*	–	–	–	–	–	–	–	–	75.7	74.2
Commercial Banks	–	–	–	–	–	–	–	–	46.3	44.3
Savings Institutions	–	–	–	–	–	–	–	–	22.7	23.0
Insurance	–	–	–	–	–	–	–	–	78.7	78.0
Insurance Carriers	–	–	–	–	–	–	–	–	56.7	55.6
Services 1	634.0	663.5	683.5	705.8	754.0	786.5	818.4	853.9	896.6	924.1
Business Services	–	–	–	–	–	–	–	–	162.5	159.6
Health Services	203.6	214.2	221.7	226.2	232.8	236.7	238.8	243.8	251.6	261.9
Hospitals	–	–	–	–	–	–	–	–	125.8	127.4
Educational Services	104.1	109.1	106.5	110.6	112.8	109.9	111.4	113.4	116.0	123.5
Social Services	–	–	–	–	–	–	–	–	61.8	65.1
Engineering & Mgt. Services	–	–	–	–	–	–	–	–	96.3	100.5

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT
MASSACHUSETTS
ANNUAL AVERAGES 1980–1989
(In Thousands)

Industry	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
Government	410.3	391.1	370.7	371.4	371.4	381.3	389.0	397.2	406.7	403.6
Federal	58.3	57.4	55.6	55.7	56.9	58.8	59.9	61.5	63.3	62.4
U.S. Postal Service	–	20.7	20.7	21.1	21.8	23.1	24.7	26.2	27.5	27.6
State	97.8	97.3	93.7	95.8	93.0	95.6	97.7	99.5	102.4	100.8
State Hospitals	–	–	–	–	–	–	–	–	12.5	12.6
State Education	–	27.4	29.7	30.2	26.8	27.1	27.7	26.5	25.4	24.2
Local	254.2	236.4	221.4	219.9	221.4	226.9	231.3	236.2	241.0	240.4
Local Education	–	134.7	118.4	120.6	121.3	126.1	128.5	132.1	134.8	134.7
High Technology Manufacturing*	–	238.4	238.2	240.2	261.3	258.5	245.0	239.9	238.6	229.9
High Technology Nonmanufacturin	–	–	–	–	70.2	75.9	82.0	85.2	94.1	95.6

SOURCE: Massachusetts Department of Employment and Training, Current Employment Statistics Survey (CES–790).

Note: Numbers may not add to totals due to rounding.

1. Services and Mining were combined before 1982.

* Break in series: 1988 and subsequent data not comparable to previous years for these industries.

Revised 6/91

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT
MASSACHUSETTS
ANNUAL AVERAGES 1990–1991
(In Thousands)

Industry	1990	1991
Nonagricultural Employment	**2,979.0**	**2,817.0**
Total Private Employment	2,582.7	2,432.6
Goods Producing	623.8	565.0
Mining	**1.4**	**1.2**
Construction	**101.1**	**79.3**
General Building Contractors	27.9	20.5
Heavy Construction, ex. Bldg.	8.6	7.5
Special Trade Contractors	64.6	51.3
Manufacturing	**521.3**	**484.5**
Durable Goods	**342.7**	**316.2**
Lumber & Furniture	9.1	7.7
Stone, Clay & Glass	8.7	7.7
Primary Metals*	11.3	10.3
Fabricated Metals*	40.9	38.2
Cutlery, Hand Tools & Hardware	8.4	7.9
Industrial Machinery & Equip.	85.2	76.1
Metalworking Machinery	10.5	9.2
Special Industry Machinery	9.7	8.9
Computer & Office Equip.	44.9	39.6
Electronic & Electric Equip.*	72.9	68.3
Communications Equipment*	18.7	18.4
Electronic Components*	33.1	30.4
Transportation Equipment	27.8	25.7
Instruments*	69.4	65.8
Measuring & Controlling Devices*	27.0	24.6
Misc. Manufacturing	17.4	16.4
Jewelry	6.5	5.7
Nondurable Goods	**178.6**	**168.3**
Food & Kindred Products	20.1	19.5
Textile Mill Products	14.6	13.9
Apparel	19.2	17.5
Paper & Allied Products	22.5	21.0
Printing & Publishing	52.2	49.5
Chemicals	17.7	17.5
Rubber & Misc. Plastics	23.8	21.9
Misc. Plastic Products	18.0	16.7
Leather & Leather Products	7.1	6.1

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT
MASSACHUSETTS
ANNUAL AVERAGES 1990–1991
(In Thousands)

Industry	1990	1991
Service Producing	2,355.3	2,252.0
Private Service Producing	1,958.9	1,867.6
Transportation & Pub. Utilities	**129.9**	**124.2**
Transportation	73.7	69.8
Communications & Utilities	56.1	54.4
Communications	32.0	30.9
Elec., Gas & Sanitary Serv.	24.1	23.6
Wholesale & Retail Trade	**700.1**	**649.5**
Wholesale Trade	170.2	158.2
Durable Goods	101.2	93.2
Nondurable Goods	69.0	65.0
Retail Trade	529.8	491.3
Build. Materials & Garden Supplies	19.4	17.2
Gen. Merchandise Stores	52.8	47.4
Food Stores	98.1	93.2
Auto Dealers & Service Sta.	44.6	38.7
Apparel & Accessories	43.4	38.9
Furniture & Equip. Stores	22.3	20.6
Eating & Drinking Places	169.7	160.1
Miscellaneous Retail	79.4	75.3
Finance, Insurance & Real Estate	**213.3**	**203.9**
Finance	105.5	99.5
Depository Institutions*	71.3	65.6
Commercial Banks	42.3	38.3
Savings Institutions	22.1	20.5
Insurance	77.4	75.9
Insurance Carriers	54.4	53.3
Services	**915.7**	**889.9**
Business Services	149.9	139.3
Health Services	270.9	276.6
Hospitals	128.6	129.8
Educational Services	124.5	125.4
Social Services	65.7	64.1
Engineering & Mgt. Services	98.4	92.6

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT
MASSACHUSETTS
ANNUAL AVERAGES 1990–1991
(In Thousands)

Industry	1990	1991
Government	**396.4**	**384.5**
Federal	**63.6**	**61.7**
U.S. Postal Service	27.0	26.6
State	**97.3**	**92.7**
State Hospitals	11.8	10.6
State Education	23.0	21.9
Local	**235.5**	**230.0**
Local Education	131.5	128.8
High Technology Manufacturing*	213.2	198.5
High Technology Nonmanufacturing	93.6	88.6

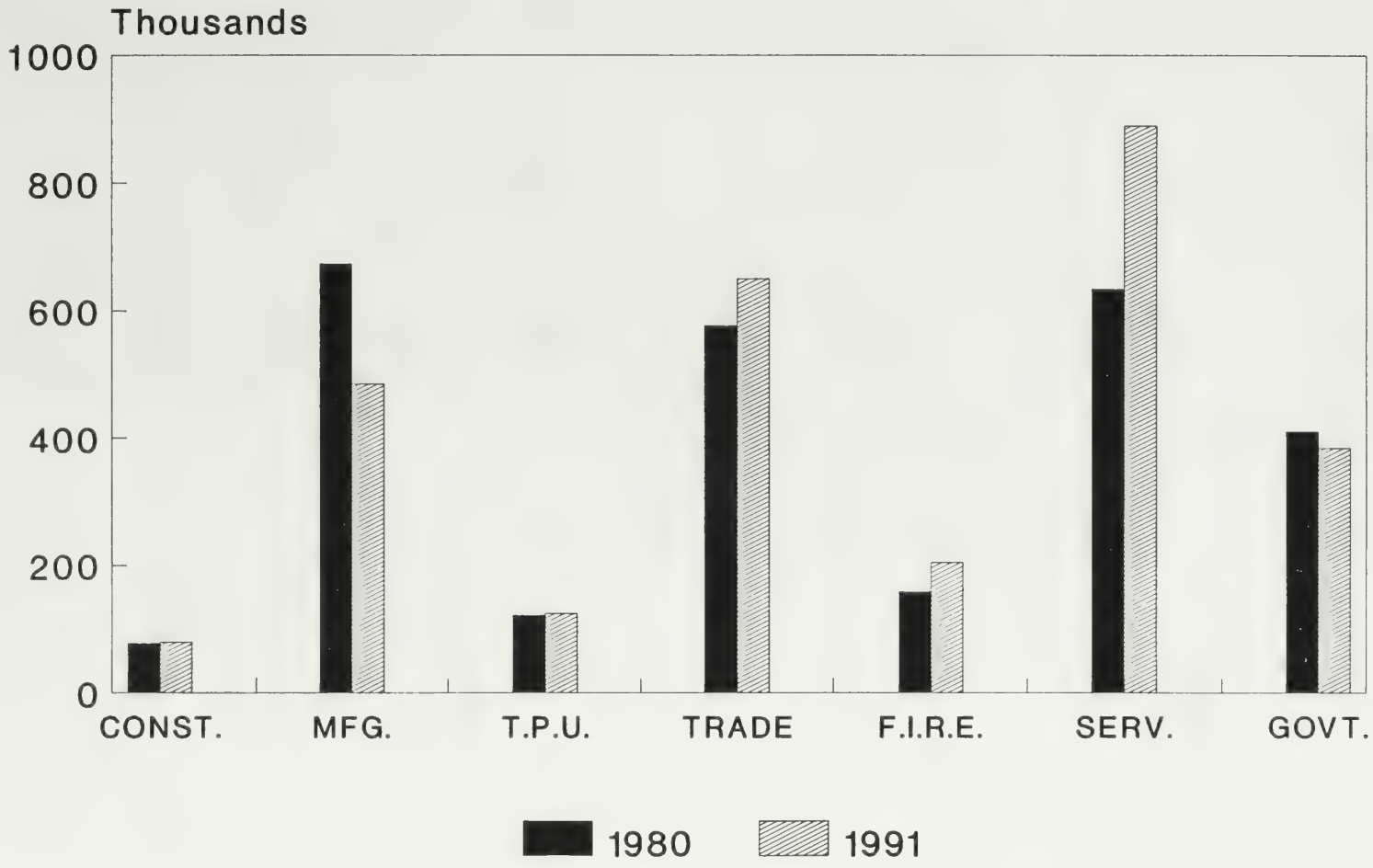
SOURCE: Massachusetts Department of Employment and Training, Current Employment Statistics Survey (CES-790).

Note: Numbers may not add to totals due to rounding.

* Break in series: 1988 and subsequent data not comparable to previous years for these industries.

Revised 6/92

EMPLOYMENT BY INDUSTRY DIVISION
MASSACHUSETTS 1980 & 1991



MASSACHUSETTS
NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT
ANNUAL AVERAGES, 1980 and 1991
(In Thousands)

Industry	1980	1991	Absolute Change	Percent Change
Nonagricultural Employment	2,652.2	2,817.0	164.8	6.2%
Construction	77.4	79.3	1.9	2.5%
Manufacturing	673.3	484.5	(188.8)	-28.0%
Durable Goods	435.7	316.2	(119.5)	-27.4%
Nondurable Goods	237.6	168.3	(69.3)	-29.2%
Transportation and Public Utilities	121.6	124.2	2.6	2.1%
Wholesale & Retail Trade	576.6	649.5	72.9	12.6%
Finance, Insurance and Real Estate	159.0	203.9	44.9	28.2%
Services	634.0	889.9	255.9	40.4%
Government	410.3	384.5	(25.8)	-6.3%
Federal	58.3	61.7	3.4	5.8%
State	97.8	92.7	(5.1)	-5.2%
Local	254.2	230.0	(24.2)	-9.5%

SOURCE: Massachusetts Department of Employment and Training, Current Employment Statistics Program (CES-790).

NOTE: Numbers may not add to totals due to rounding.

NONAGRICULTURAL AND MANUFACTURING EMPLOYMENT
MASSACHUSETTS AND MAJOR LABOR AREAS
ANNUAL AVERAGES, 1980 and 1991
(In Thousands)

	1980	1991	Absolute Change	Percent Change
Massachusetts – Total	2,652.2	2,817.0	164.8	6.2%
Manufacturing	673.3	484.5	(188.8)	-28.0%
Boston PMSA – Total	1,491.3	1,578.2	86.9	5.8%
Manufacturing	313.2	222.3	(90.9)	-29.0%
Springfield MSA – Total	219.5	219.5	0.0	0.0%
Manufacturing	64.9	43.3	(21.6)	-33.3%
Worcester MSA – Total	170.8	179.6	8.8	5.2%
Manufacturing	50.2	37.2	(13.0)	-25.9%
Lawrence-Haverhill PMSA – Total	132.0	146.1	14.1	10.7%
Manufacturing	51.5	42.7	(8.8)	-17.1%
Lowell PMSA – Total	82.2	95.6	13.4	16.3%
Manufacturing	30.0	30.3	0.3	1.0%
New Bedford MSA – Total	64.0	60.0	(4.0)	-6.3%
Manufacturing	25.6	15.2	(10.4)	-40.6%
Brockton PMSA – Total	60.9	64.6	3.7	6.1%
Manufacturing	13.1	8.8	(4.3)	-32.8%
Fall River PMSA – Total	51.4	48.8	(2.6)	-5.1%
Manufacturing	19.3	12.8	(6.5)	-33.7%
Pittsfield MSA – Total	39.2	39.0	(0.2)	-0.5%
Manufacturing	14.2	8.1	(6.1)	-43.0%
Fitchburg-Leominster MSA – Total	38.1	36.5	(1.6)	-4.2%
Manufacturing	15.2	10.5	(4.7)	-30.9%

SOURCE: Massachusetts Department of Employment and Training, Current Employment Statistics Program (CES-790).

UNITED STATES
NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT
ANNUAL AVERAGES 1980–1991

(In Thousands)

Industry	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
Nonagricultural Employment	90,406	91,156	89,566	90,200	94,496	97,519	99,525	102,200	105,536	108,329	109,971	108,981
Manufacturing	20,285	20,170	18,781	18,434	19,378	19,260	18,965	19,024	19,350	19,442	19,111	18,426
Durable Goods	12,187	12,109	11,039	10,732	11,505	11,490	11,230	11,167	11,381	11,420	11,115	10,556
Nondurable Goods	8,098	8,061	7,741	7,702	7,873	7,770	7,734	7,858	7,969	8,022	7,995	7,870
Mining	1,027	1,139	1,128	952	966	927	777	717	713	693	711	697
Construction	4,346	4,188	3,905	3,948	4,383	4,673	4,816	4,967	5,110	5,187	5,136	4,696
Transportation and Public Utilities	5,146	5,165	5,082	4,954	5,159	5,238	5,255	5,372	5,527	5,644	5,826	5,824
Wholesale & Retail Trade	20,310	20,547	20,457	20,881	22,100	23,073	23,683	24,327	25,132	25,770	25,888	25,418
Wholesale Trade	5,275	5,358	5,278	5,268	5,555	5,717	5,753	5,865	6,055	6,221	6,205	6,072
Retail Trade	15,035	15,189	15,179	15,613	16,545	17,356	17,930	18,462	19,077	19,549	19,683	19,346
Finance, Insurance and Real Estate	5,160	5,298	5,341	5,468	5,689	5,955	6,283	6,547	6,649	6,695	6,739	6,708
Services	17,890	18,619	19,036	19,694	20,797	22,000	23,053	24,235	25,669	27,120	28,240	28,779
Government	16,241	16,031	15,837	15,869	16,024	16,394	16,693	17,010	17,386	17,779	18,322	18,433

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics.

NOTE: Numbers may not add to totals due to rounding.

DETAILED NONAGRICULTURAL WAGE AND SALARY

EMPLOYMENT TABLES

MASSACHUSETTS

Department of Employment and Training

MASSACHUSETTS
NONAGRICULTURAL WAGE & SALARY EMPLOYMENT
FOR CALENDAR YEAR 1991

REVISED TO 1ST QTR 1991 BENCHMARK

INDUSTRY	SERIES CODE	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	AVG
NONAGRICULTURAL EMPLOYMENT	000000	2,811.0	2,797.3	2,804.7	2,811.9	2,834.1	2,859.9	2,807.2	2,803.8	2,810.6	2,819.5	2,824.6	2,819.7	2,817.0
TOTAL PRIVATE	000015	2,421.7	2,403.7	2,410.8	2,420.4	2,440.5	2,466.3	2,440.5	2,441.0	2,435.9	2,436.8	2,439.7	2,433.6	2,432 6
GOODS PRODUCING	000045	574.1	564.9	564.3	565.0	569.2	574.1	562.4	567.6	566.4	562.0	558.9	550.9	565.0
SERVICE PRODUCING	000055	2,236.9	2,232.4	2,240.4	2,246.9	2,264.9	2,285.8	2,244.8	2,236.2	2,244.2	2,257.5	2,265.7	2,268.8	2,252 0
PRIVATE SERVICE PRODUCING	000075	1,847.6	1,838.8	1,846.5	1,855.4	1,871.3	1,892.2	1,878.1	1,873.4	1,869.5	1,874.8	1,880.8	1,882.7	1,867.6
MINING	100001	1.1	1.0	1.1	1.1	1.4	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.2
CONSTRUCTION	200001	76.1	71.6	72.1	76.2	80.6	84.3	85.5	85.5	84.4	81.4	79.0	74.4	79.3
GENERAL BUILDING CONTRACTORS	215002	21.1	19.8	19.9	20.2	21.3	22.2	21.7	21.3	20.8	20.1	19.2	18.3	20 5
HEAVY CONSTRUCTION,EX. BLDG	216002	5.4	5.0	5.6	6.8	7.7	8.5	8.3	8.1	8.5	8.9	8.6	8.0	7.5
SPECIAL TRADE CONTRACTORS	217002	49.6	46.8	46.6	49.2	51.6	53.6	55.5	56.1	55.1	52.4	51.2	48.1	51.3
MANUFACTURING	300001	496.9	492.3	491.1	487.7	487.2	488.5	475.6	480.8	480.7	479.3	478.7	475.3	484.5
DURABLE GOODS	300016	327.0	323.6	323.0	320.0	319.2	319.2	311.1	312.5	312.2	310.3	309.4	306.6	316.2
LUMBER & FURNITURE	324026	8.0	7.7	7.7	7.8	8.0	8.1	7.7	7.7	7.7	7.5	7.6	7.4	7.7
STONE,CLAY & GLASS	332002	7.6	7.4	7.5	7.6	7.5	7.7	7.6	7.8	7.8	7.8	7.8	7.7	7.7
PRIMARY METALS	333002	10.9	10.7	10.6	10.6	10.5	10.4	10.0	10.1	10.2	10.1	10.0	9.9	10.3
FABRICATED METALS	334002	38.9	38.4	38.3	37.9	38.1	38.4	36.6	38.1	38.1	38.5	38.4	38.4	38.2
CUTLERY,HAND TOOLS,HARDWARE	334203	8.0	8.0	8.0	7.7	7.7	8.0	7.9	7.9	7.8	7.9	8.0	8.0	7.9
INDUSTRIAL MACH & EQUI. MENT	335002	79.4	78.5	78.5	77.5	77.2	77.0	74.9	74.9	74.5	73.6	73.7	73.1	76.1
METALWORKING MACHINERY	335403	9.8	9.6	9.6	9.5	9.4	9.4	8.9	9.1	9.0	8.8	8.8	8.8	9.2
SPECIAL INDUSTRY MACHINERY	335503	9.2	9.1	9.1	9.0	8.9	8.9	8.8	8.8	8.8	8.8	8.8	8.7	8.9
COMPUTER & OFFICE EQUIPMENT	335703	41.5	41.0	40.8	40.4	40.3	40.3	39.3	39.0	38.8	38.2	37.9	37.8	39 6
ELECTRONIC & ELECTRIC EQUIPMENT	336002	70.8	70.2	70.2	69.4	69.1	69.0	67.5	67.6	67.3	66.5	66.1	65.9	68.3
COMMUNICATIONS EQUIPMENT	336603	18.9	18.8	18.8	18.6	18.5	18.4	18.1	18.2	18.1	18.0	18.0	18.0	18.4
ELECTRONIC COMPONENTS	336703	31.8	31.6	31.6	31.1	31.1	31.1	30.2	29.9	29.6	29.2	29.0	28.9	30.4
TRANSPORTATION EQUIPMENT	337002	27.0	26.7	26.5	26.2	26.1	25.7	25.3	25.1	25.1	25.0	24.9	24.8	25.7
INSTRUMENTS	338002	67.7	67.4	67.2	66.6	66.3	66.6	65.8	65.1	65.0	64.6	64.2	63.0	65.8
MEASURING & CONTROL DEVICES	338203	25.9	25.7	25.5	25.2	25.1	25.1	24.7	23.9	23.8	23.6	23.3	23.1	24.6
MISCELLANEOUS MANUFACTURING	339002	16.7	16.6	16.5	16.4	16.4	16.3	15.7	16.1	16.5	16.7	16.7	16.4	16.4
JEWELRY	339103	5.8	5.7	5.6	5.5	5.5	5.5	5.3	5.6	5.7	5.9	5.9	5.8	5.7
NONDURABLE GOODS	400016	169.9	168.7	168.1	167.7	168.0	169.3	164.5	168.3	168.5	169.0	169.3	168.7	168.3
FOOD & KINDRED PRODUCTS	420002	19.7	19.3	19.0	19.1	19.4	19.7	19.1	19.7	19.4	19.7	19.8	19.9	19.5
TEXTILE MILL PRODUCTS	422002	13.9	13.7	13.6	13.6	13.8	14.2	13.8	14.1	14.3	14.2	14.1	14.0	13.9
APPAREL	423002	17.5	17.7	17.5	17.3	17.4	17.6	16.2	17.7	17.8	17.8	17.8	17.8	17.5
PAPER & ALLIED PRODUCTS	426002	21.5	21.4	21.4	21.3	21.1	21.3	20.5	20.7	20.7	20.7	21.0	20.9	21.0
PRINTING & PUBLISHING	427002	50.1	49.7	49.7	49.4	49.3	49.5	49.1	49.2	49.4	49.4	49.7	49.6	49.5
CHEMICALS	428002	17.6	17.5	17.5	17.4	17.3	17.5	17.4	17.6	17.6	17.6	17.6	17.5	17.5
RUBBER & MISCELLANEOUS PLASTIC PROD	430002	22.5	22.2	22.2	22.2	22.1	22.1	21.3	21.7	21.7	21.8	21.7	21.5	21.9
MISCELLANEOUS PLASTIC PRODUCTS	430803	16.9	16.8	16.9	16.9	16.9	16.9	16.2	16.6	16.6	16.7	16 5	16.4	16.7
LEATHER & LEATHER PRODUCTS	431002	6.1	6.2	6.1	6.1	6.1	6.1	5.7	6.0	6.2	6.2	6.2	6.2	6.1
TRANSPORTATION,PUBLIC UTILITIES	500001	125.5	124.5	124.4	123.9	124.9	126.0	120.8	122.0	125.5	123.4	124.8	124.8	124.2
TRANSPORTATION	500016	70.5	69.5	69.3	69.1	70.0	70.9	65.9	67.4	71.6	70.7	71.2	71.3	69.8
COMMUNICATIONS & PUBLIC UTILITIES	500036	55.0	55.0	55.1	54.8	54.9	55.1	54.9	54.6	53.9	52.7	53.6	53.5	54.4
COMMUNICATIONS	548002	31.6	31.5	31.5	31.3	31.2	31.1	31.1	30.9	30.4	29.4	30.2	30.1	30.9
ELECTRIC,GAS & SANITARY SERVICES	549002	23.4	23.5	23.6	23.5	23.7	24.0	23.8	23.7	23.5	23.3	23.4	23.4	23.6

Department of Employment and Training

MASSACHUSETTS
NONAGRICULTURAL WAGE & SALARY EMPLOYMENT
FOR CALENDAR YEAR 1991

REVISED TO 1ST QTR 1991 BENCHMARK

INDUSTRY	SERIES CODE	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	AVG.
WHOLESALE & RETAIL TRADE	600001	650.6	635.9	637.4	639.4	648.3	661.3	651.8	648.8	648.2	651.2	656.8	664.7	649.5
WHOLESALE TRADE	600016	161.3	159.8	159.8	158.9	158.5	159.2	158.5	157.7	156.1	156.4	156.6	155.6	158.2
DURABLE GOODS	650012	96.1	95.2	95.2	94.3	93.7	93.5	93.1	92.0	91.4	91.5	91.6	90.8	93.2
NONDURABLE GOODS	651012	65.2	64.6	64.6	64.6	64.8	65.7	65.4	65.7	64.7	64.9	65.0	64.8	65.0
RETAIL TRADE	600036	489.3	476.1	477.6	480.5	489.8	502.1	493.3	491.1	492.1	494.8	500.2	509.1	491.3
BUILD. MATERIALS & GARDEN SUPPLIES	652002	16.9	16.2	16.4	17.3	17.6	18.2	17.7	17.3	17.1	17.3	17.3	17.2	17.2
GENERAL MERCHANDISE STORES	653002	51.7	46.7	46.2	45.8	45.8	46.1	45.7	46.1	46.1	46.6	50.1	52.0	47.4
FOOD STORES	654002	94.0	92.7	92.5	92.3	93.1	95.3	94.4	93.2	92.5	92.9	92.5	92.8	93.2
AUTO DEALERS & SERVICE STATIONS	655002	39.9	39.2	38.9	38.5	38.7	39.0	39.0	38.8	38.3	38.1	37.9	37.7	38.7
APPAREL & ACCESSORIES	656002	40.3	38.4	38.3	37.9	38.3	39.0	38.1	37.8	38.1	38.5	40.4	41.7	38.9
FURN. & EQUIP. STORES	657002	21.3	20.7	20.6	20.3	20.2	20.2	20.2	20.0	20.1	20.6	21.3	21.7	20.6
EATING & DRINKING PLACES	658002	149.1	148.4	151.4	155.8	163.2	170.4	166.1	165.4	165.6	164.6	160.9	160.5	160.1
MISCELLANEOUS RETAIL	659002	76.1	73.8	73.3	72.6	72.9	73.9	72.1	72.5	74.3	76.2	79.8	85.5	75.3
FINANCE, INSURANCE & REAL ESTATE	700001	205.9	205.0	204.8	205.0	204.3	205.4	205.3	204.3	202.3	202.0	201.8	200.9	203.9
FINANCE	700026	101.6	100.9	100.5	100.0	99.4	99.2	99.1	98.6	98.1	98.4	98.9	98.9	99.5
DEPOSITORY INSTITUTIONS	760002	67.6	67.1	66.7	66.5	65.8	65.5	65.3	64.7	64.2	64.5	64.6	64.5	65.6
COMMERCIAL BANKS	760203	39.8	39.5	39.2	39.0	38.5	38.2	38.1	37.7	37.4	37.5	37.5	37.5	38.3
SAVINGS INSTITUTIONS	760303	20.9	20.7	20.6	20.6	20.4	20.5	20.4	20.3	20.2	20.3	20.3	20.2	20.5
INSURANCE	700046	76.6	76.7	76.7	76.8	76.3	76.7	76.4	75.9	75.2	74.6	74.5	74.5	75.9
INSURANCE CARRIERS	763002	53.9	53.9	53.9	53.9	53.5	53.8	53.6	53.4	52.8	52.4	52.4	52.4	53.3
SERVICES	800001	865.6	873.4	879.9	887.1	893.8	899.5	900.2	898.3	893.5	898.2	897.4	892.3	889.9
BUSINESS SERVICES	873002	135.6	135.1	136.0	135.7	137.6	140.8	139.7	141.7	142.3	143.6	141.8	141.2	139.3
HEALTH SERVICES	880002	272.2	272.9	274.5	275.1	276.0	277.5	275.3	275.2	276.7	278.7	281.9	283.0	276.6
HOSPITALS	880603	129.2	129.2	129.6	129.6	129.5	130.3	129.3	129.6	129.4	129.6	130.6	131.1	129.8
EDUCATIONAL SERVICES	882002	118.0	126.2	127.5	128.2	127.9	122.9	123.1	120.7	124.1	128.2	130.8	126.8	125.4
SOCIAL SERVICES	883002	64.1	64.4	64.8	64.9	65.0	63.7	63.2	62.9	62.9	63.6	64.2	65.1	64.1
ENGINEERING & MGMT. SERVICES	887002	92.7	92.6	92.8	91.6	91.4	93.5	93.5	93.1	92.4	92.5	92.3	92.5	92.6
GOVERNMENT	900001	389.3	393.6	393.9	391.5	393.6	393.6	366.7	362.8	374.7	382.7	384.9	386.1	384.5
FEDERAL	910001	61.1	61.4	61.3	61.1	61.9	63.0	63.1	62.6	61.3	61.1	61.1	61.4	61.7
U S POSTAL SERVICE	914302	26.8	26.6	26.6	26.5	26.5	26.7	26.8	26.7	26.4	26.3	26.3	26.5	26.6
STATE	920001	91.8	94.6	95.1	94.4	93.6	90.5	91.0	90.0	91.6	93.1	93.5	93.3	92.7
STATE HOSPITALS	928063	10.9	10.8	10.8	10.7	10.7	10.7	10.7	10.5	10.5	10.4	10.3	10.3	10.6
STATE EDUCATION	928202	20.4	23.5	23.8	23.8	23.2	19.2	18.9	18.6	21.4	23.1	23.3	23.2	21.9
LOCAL	930001	236.4	237.6	237.5	236.0	238.1	240.1	212.6	210.2	221.8	228.5	230.3	231.4	230.0
LOCAL EDUCATION	938202	135.3	136.8	136.4	135.3	136.2	135.6	107.1	106.4	122.8	129.6	131.8	131.8	128.8
* HIGH TECHNOLOGY MANUFACTURING	336000	205.5	204.0	203.4	201.6	200.8	200.6	197.1	196.3	195.5	193.8	192.6	191.1	198.5
* HIGH TECHNOLOGY NONMANUFACTURING	873985	90.2	89.9	89.8	88.1	87.7	90.0	89.3	88.8	87.7	87.4	87.2	87.2	88.6

* - NOT CURRENTLY VALIDATED BY THE U.S. BUREAU OF LABOR STATISTICS

Department of Employment and Training

MASSACHUSETTS
NONAGRICULTURAL WAGE & SALARY EMPLOYMENT
FOR CALENDAR YEAR 1990

REVISED TO 1ST QTR 1991 BENCHMARK

INDUSTRY	SERIES CODE	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	AVG.
NONAGRICULTURAL EMPLOYMENT	000000	2,978.4	2,978.2	2,989.3	2,987.9	3,013.9	3,036.5	2,971.9	2,966.1	2,976.7	2,955.5	2,949.7	2,944.0	2,979.0
TOTAL PRIVATE	000015	2,578.8	2,574.1	2,584.9	2,583.0	2,601.9	2,627.8	2,592.1	2,594.9	2,590.1	2,562.8	2,554.0	2,547.4	2,582.7
GOODS PRODUCING	000045	635.8	627.3	626.2	625.7	629.3	633.8	625.1	629.1	626.5	614.9	610.1	601.3	623.8
SERVICE PRODUCING	000055	2,342.6	2,350.9	2,363.1	2,362.2	2,384.6	2,402.7	2,346.8	2,337.0	2,350.2	2,340.6	2,339.6	2,342.7	2,355.3
PRIVATE SERVICE PRODUCING	000075	1,943.0	1,946.8	1,958.7	1,957.3	1,972.6	1,994.0	1,967.0	1,965.8	1,963.6	1,947.9	1,943.9	1,946.1	1,958.9
MINING	100001	1.3	1.3	1.3	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.3	1.4
CONSTRUCTION	200001	99.3	95.3	95.7	99.4	104.3	107.0	107.5	108.3	106.7	100.8	97.5	91.3	101.1
GENERAL BUILDING CONTRACTORS	215002	28.7	27.4	27.4	27.6	28.6	29.3	29.3	29.1	28.6	27.3	26.5	25.0	27.9
HEAVY CONSTRUCTION,EX. BLDG	216002	6.5	6.5	6.8	8.2	8.9	9.2	9.7	9.8	10.1	9.5	9.3	8.1	8.6
SPECIAL TRADE CONTRACTORS	217002	64.1	61.4	61.5	63.6	66.8	68.5	68.5	69.4	68.0	64.0	61.7	58.2	64.6
MANUFACTURING	300001	535.2	530.7	529.2	524.8	523.5	525.3	516.1	519.3	518.3	512.7	511.2	508.7	521.3
DURABLE GOODS	300016	353.8	350.7	349.4	346.0	344.4	344.5	340.0	340.0	338.9	336.0	334.7	333.5	342.7
LUMBER & FURNITURE	324026	9.6	9.4	9.3	9.1	9.3	9.3	9.3	9.3	9.2	8.8	8.6	8.4	9.1
STONE,CLAY & GLASS	332002	8.8	8.7	8.8	8.7	8.7	8.8	8.6	8.7	8.8	8.8	8.7	8.5	8.7
PRIMARY METALS	333002	11.8	11.7	11.7	11.5	11.4	11.4	10.7	11.0	11.2	10.9	10.9	10.9	11.3
FABRICATED METALS	334002	41.9	41.7	41.5	41.1	40.9	41.0	40.5	40.5	40.7	40.3	40.1	40.2	40.9
CUTLERY,HAND TOOLS,HARDWARE	334203	8.5	8.6	8.6	8.5	8.5	8.5	8.3	8.3	8.2	8.3	8.2	8.2	8.4
INDUSTRIAL MACH & EQUIPMENT	335002	89.8	88.2	87.7	86.6	86.0	85.6	84.1	83.9	83.3	82.9	82.2	81.6	85.2
METALWORKING MACHINERY	335403	11.2	11.0	10.9	10.8	10.6	10.6	10.4	10.3	10.2	10.1	10.1	10.1	10.5
SPECIAL INDUSTRY MACHINERY	335503	9.9	10.0	9.9	9.8	9.8	9.8	9.7	9.7	9.7	9.6	9.5	9.5	9.7
COMPUTER & OFFICE EQUIPMENT	335703	48.0	46.8	46.4	45.9	45.5	45.1	44.3	44.0	43.6	43.4	43.1	42.5	44.9
ELECTRONIC & ELECTRIC EQUIPMENT	336002	75.8	75.3	74.7	73.4	72.8	72.9	72.6	72.2	71.6	71.2	71.1	71.1	72.9
COMMUNICATIONS EQUIPMENT	336603	18.8	19.0	18.9	18.5	18.4	18.5	18.9	18.8	18.8	18.7	18.7	18.8	18.7
ELECTRONIC COMPONENTS	336703	34.7	34.5	34.2	33.4	33.2	33.2	32.7	32.3	32.0	32.2	32.1	32.1	33.1
TRANSPORTATION EQUIPMENT	337002	28.1	28.0	28.0	28.2	28.1	28.1	28.1	27.8	27.6	27.5	27.3	27.3	27.8
INSTRUMENTS	338002	70.4	70.2	70.2	70.1	69.9	70.0	69.3	69.4	69.0	68.1	68.2	68.1	69.4
MEASURING & CONTROL DEVICES	338203	27.8	27.7	27.7	27.5	27.4	27.3	27.2	27.1	26.9	26.0	26.0	25.8	27.0
MISCELLANEOUS MANUFACTURING	339002	17.6	17.5	17.5	17.3	17.3	17.4	16.8	17.2	17.5	17.5	17.6	17.4	17.4
JEWELRY	339103	6.7	6.7	6.7	6.5	6.6	6.6	6.3	6.4	6.5	6.4	6.4	6.2	6.5
NONDURABLE GOODS	400016	181.4	180.0	179.8	178.8	179.1	180.8	176.1	179.3	179.4	176.7	176.5	175.2	178.6
FOOD & KINDRED PRODUCTS	420002	19.8	19.4	19.2	19.5	19.9	20.4	20.2	20.5	20.9	20.7	20.8	20.4	20.1
TEXTILE MILL PRODUCTS	422002	15.1	15.0	14.8	14.5	14.7	14.9	14.0	14.7	14.6	14.5	14.4	14.5	14.6
APPAREL	423002	19.4	19.7	19.7	19.3	19.4	19.6	18.7	19.4	19.3	18.7	18.5	18.4	19.2
PAPER & ALLIED PRODUCTS	426002	22.9	22.7	22.7	22.4	22.3	22.6	22.1	22.4	22.4	22.4	22.4	22.2	22.5
PRINTING & PUBLISHING	427002	53.7	53.2	53.3	52.7	52.4	52.6	51.6	51.8	51.9	51.0	51.2	51.1	52.2
CHEMICALS	428002	17.9	17.7	17.8	17.7	17.7	17.9	17.7	17.8	17.7	17.5	17.5	17.6	17.7
RUBBER & MISCELLANEOUS PLASTIC PROD	430002	24.1	24.0	23.9	24.0	24.0	24.0	23.7	24.0	23.8	23.5	23.3	23.2	23.8
MISCELLANEOUS PLASTIC PRODUCTS	430803	18.3	18.2	18.2	18.1	18.1	18.1	17.9	18.2	18.0	17.7	17.6	17.5	18.0
LEATHER & LEATHER PRODUCTS	431002	7.3	7.1	7.2	7.2	7.2	7.3	6.9	7.2	7.3	7.1	6.9	6.6	7.1
TRANSPORTATION,PUBLIC UTILITIES	500001	129.3	129.7	130.5	130.0	131.0	131.5	127.2	127.9	132.2	129.8	129.6	129.6	129.9
TRANSPORTATION	500016	73.3	73.5	74.4	73.8	74.8	75.4	70.7	71.5	75.9	74.0	73.7	73.9	73.7
COMMUNICATIONS & PUBLIC UTILITIES	500036	56.0	56.2	56.1	56.2	56.2	56.1	56.5	56.4	56.3	55.8	55.9	55.7	56.1
COMMUNICATIONS	548002	32.5	32.6	32.2	32.4	32.3	31.8	32.1	31.9	31.8	31.6	31.6	31.4	32.0
ELECTRIC,GAS & SANITARY SERVICES	549002	23.5	23.6	23.9	23.8	23.9	24.3	24.4	24.5	24.5	24.2	24.3	24.3	24.1

Employment and Training

MASSACHUSETTS
NONAGRICULTURAL WAGE & SALARY EMPLOYMENT
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INDUSTRY	SERIES CODE	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	AVG.
WHOLESALE & RETAIL TRADE	600001	708.9	692.7	694.3	694.6	702.6	715.2	705.0	704.7	700.4	690.2	693.9	698.1	700.1
WHOLESALE TRADE	600016	172.5	171.4	171.5	170.0	169.6	171.4	170.7	170.9	169.6	168.8	168.2	168.2	170.2
DURABLE GOODS	650012	103.5	102.8	102.7	101.7	101.1	101.7	101.1	100.9	99.9	100.2	99.7	99.5	101.2
NONDURABLE GOODS	651012	69.0	68.6	68.8	68.3	68.5	69.7	69.6	70.0	69.7	68.6	68.5	68.7	69.0
RETAIL TRADE	600036	536.4	521.3	522.8	524.6	533.0	543.8	534.3	533.8	530.8	521.4	525.7	529.9	529.8
BUILD. MATERIALS & GARDEN SUPPLIES	652002	19.0	18.6	18.9	19.6	20.1	20.2	19.9	19.8	19.5	19.1	18.9	18.7	19.4
GENERAL MERCHANDISE STORES	653002	61.2	53.7	53.3	51.6	51.7	51.3	50.1	50.3	50.6	50.4	53.4	55.4	52.8
FOOD STORES	654002	99.2	97.6	97.5	97.5	98.4	101.2	99.2	98.5	97.3	96.5	97.4	97.4	98.1
AUTO DEALERS & SERVICE STATIONS	655002	45.8	45.4	45.7	45.3	45.5	45.8	45.0	44.9	44.5	43.2	42.5	42.0	44.6
APPAREL & ACCESSORIES	656002	45.9	43.4	43.3	42.5	42.7	43.2	42.1	42.6	42.8	42.4	44.2	46.2	43.4
FURN. & EQUIP. STORES	657002	23.4	22.6	22.4	22.1	21.9	22.1	21.8	21.9	21.9	22.2	22.6	22.8	22.3
EATING & DRINKING PLACES	658002	160.1	160.3	162.6	167.6	173.7	180.3	178.8	178.5	175.9	169.0	165.9	164.2	169.7
MISCELLANEOUS RETAIL	659002	81.8	79.7	79.1	78.4	79.0	79.7	77.4	77.3	78.3	78.6	80.8	83.2	79.4
FINANCE, INSURANCE & REAL ESTATE	700001	214.5	214.4	214.8	214.0	214.6	216.1	214.9	214.8	213.0	210.0	209.1	209.3	213.3
FINANCE	700026	107.1	107.0	107.1	106.5	106.2	106.6	106.0	106.0	104.6	103.4	102.7	102.6	105.5
DEPOSITORY INSTITUTIONS	760002	73.4	73.0	72.9	72.3	72.0	72.1	71.7	71.4	70.3	69.3	68.8	68.6	71.3
COMMERCIAL BANKS	760203	43.6	43.6	43.5	42.9	42.7	42.5	42.4	42.1	41.5	41.2	40.7	40.5	42.3
SAVINGS INSTITUTIONS	760303	22.9	22.6	22.7	22.6	22.5	22.6	22.1	22.0	21.8	21.1	21.1	21.1	22.1
INSURANCE	700046	77.2	77.3	77.5	77.6	78.0	78.2	77.7	77.5	77.6	76.7	76.8	77.0	77.4
INSURANCE CARRIERS	763002	54.3	54.3	54.4	54.5	54.7	54.8	54.4	54.3	54.6	53.9	54.0	54.0	54.4
SERVICES	800001	890.3	910.0	919.1	918.7	924.4	931.2	919.9	918.4	918.0	917.9	911.3	909.1	915.7
BUSINESS SERVICES	873002	151.0	152.0	153.6	149.0	149.6	151.2	150.6	152.3	151.0	147.1	146.1	145.5	149.9
HEALTH SERVICES	880002	265.4	266.7	267.9	268.2	269.1	272.2	272.6	272.2	272.9	273.5	274.7	275.9	270.9
HOSPITALS	880603	127.7	128.1	128.0	128.3	128.0	129.6	129.3	128.5	128.5	128.7	129.1	129.4	128.6
EDUCATIONAL SERVICES	882002	110.8	126.7	128.6	130.2	130.0	123.9	114.8	113.1	121.1	130.9	131.6	131.8	124.5
SOCIAL SERVICES	883002	65.5	65.8	66.5	66.3	66.4	66.1	64.1	63.7	65.3	66.0	66.3	66.5	65.7
ENGINEERING & MGMT. SERVICES	887002	100.3	100.5	100.8	99.0	98.6	99.4	98.5	98.3	97.0	96.4	95.9	95.5	98.4
GOVERNMENT	900001	399.6	404.1	404.4	404.9	412.0	408.7	379.8	371.2	386.6	392.7	395.7	396.6	396.4
FEDERAL	910001	61.8	62.2	62.9	65.3	70.1	69.5	65.7	62.6	60.9	60.2	60.2	61.5	63.6
U S POSTAL SERVICE	914302	27.0	27.0	26.9	26.9	26.9	27.2	27.4	27.3	27.0	26.6	26.6	27.4	27.0
STATE	920001	95.9	99.0	98.7	98.6	98.5	95.2	95.9	95.3	97.3	98.3	97.6	97.5	97.3
STATE HOSPITALS	928063	12.5	12.2	12.2	12.2	12.2	12.3	11.5	11.4	11.5	11.4	11.3	11.0	11.8
STATE EDUCATION	928202	21.3	25.0	24.9	24.9	24.7	20.5	20.0	19.7	22.5	24.3	24.1	23.9	23.0
LOCAL	930001	241.9	242.9	242.8	241.0	243.4	244.0	218.2	213.3	228.4	234.2	237.9	237.6	235.5
LOCAL EDUCATION	938202	138.9	140.4	140.1	138.3	139.2	136.3	109.4	106.6	124.9	133.3	134.9	135.3	131.5
* HIGH TECHNOLOGY MANUFACTURING	336000	220.6	218.5	217.5	215.7	214.4	214.2	212.2	211.4	210.0	208.2	207.9	207.4	213.2
* HIGH TECHNOLOGY NONMANUFACTURING	873985	94.6	94.5	94.6	93.5	93.1	94.0	94.2	94.4	93.0	92.5	92.3	92.1	93.6

* - NOT CURRENTLY VALIDATED BY THE U.S. BUREAU OF LABOR STATISTICS

Department of Employment and Training

MASSACHUSETTS
NONAGRICULTURAL WAGE & SALARY EMPLOYMENT
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INDUSTRY	SERIES CODE	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	AVG.
NONAGRICULTURAL EMPLOYMENT	000000	3,076.2	3,084.3	3,102.3	3,111.5	3,128.9	3,168.6	3,110.6	3,093.7	3,098.6	3,080.2	3,085.6	3,100.3	3,103.4
TOTAL PRIVATE	000015	2,667.8	2,673.1	2,690.4	2,698.1	2,714.8	2,755.8	2,720.6	2,710.8	2,706.6	2,680.6	2,682.2	2,696.5	2,699.8
GOODS PRODUCING	000045	695.8	691.0	692.4	695.1	699.1	707.3	693.1	695.2	690.8	677.8	671.7	664.6	689.5
SERVICE PRODUCING	000055	2,380.4	2,393.3	2,409.9	2,416.4	2,429.8	2,461.3	2,417.5	2,398.5	2,407.8	2,402.4	2,413.9	2,435.7	2,413.9
PRIVATE SERVICE PRODUCING	000075	1,972.0	1,982.1	1,998.0	2,003.0	2,015.7	2,048.5	2,02[illegible].5	2,015.6	2,015.8	2,002.8	2,010.5	2,031.9	2,010.3
MINING	100001	1.5	1.4	1.5	1.6	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.5	1.6
CONSTRUCTION	200001	121.3	117.7	118.9	126.6	131.2	136.6	135.8	135.7	132.5	126.0	122.8	116.5	126.8
GENERAL BUILDING CONTRACTORS	215002	36.6	35.3	35.0	36.0	36.7	38.2	37.5	37.0	35.9	34.7	33.9	32.8	35.8
HEAVY CONSTRUCTION,EX. BLDG	216002	7.2	6.8	7.5	9.7	10.7	11.3	10.9	11.1	11.0	10.9	10.4	9.1	9.7
SPECIAL TRADE CONTRACTORS	217002	77.5	75.6	76.4	80.9	83.8	87.1	87.4	87.6	85.6	80.4	78.5	74.6	81.3
MANUFACTURING	300001	573.0	571.9	572.0	566.9	566.2	569.0	555.6	557.8	556.7	550.2	547.3	546.6	561.1
DURABLE GOODS	300016	381.5	380.5	380.5	376.7	375.9	376.9	370.2	369.4	367.7	363.8	361.4	360.2	372.1
LUMBER & FURNITURE	324026	11.8	11.6	11.7	11.5	11.4	11.5	11.1	11.2	11.1	10.8	10.6	10.3	11.2
STONE,CLAY & GLASS	332002	10.0	10.0	10.1	10.2	10.2	10.3	9.8	10.2	10.1	10.0	9.9	9.7	10.0
PRIMARY METALS	333002	12.6	12.6	12.7	12.6	12.5	12.3	11.9	12.2	12.2	12.1	12.1	12.1	12.3
FABRICATED METALS	334002	43.9	43.8	43.9	43.2	43.2	43.4	42.8	43.2	43.2	42.7	42.5	42.4	43.2
CUTLERY,HAND TOOLS,HARDWARE	334203	8.2	8.2	8.2	8.2	8.2	8.2	8.1	8.3	8.3	8.4	8.4	8.6	8.3
INDUSTRIAL MACH & EQUIPMENT	335002	98.8	98.7	98.3	97.6	97.2	97.5	95.6	95.0	94.3	93.2	91.8	91.6	95.8
METALWORKING MACHINERY	335403	12.1	12.1	12.2	12.1	12.0	12.1	11.7	11.7	11.6	11.4	11.4	11.3	11.8
SPECIAL INDUSTRY MACHINERY	335503	10.3	10.3	10.3	10.3	10.3	10.3	10.1	10.1	10.1	10.0	10.0	10.0	10.2
COMPUTER & OFFICE EQUIPMENT	335703	54.2	54.1	53.8	53.2	52.9	53.1	52.1	51.6	51.1	50.6	49.0	48.7	52.0
ELECTRONIC & ELECTRIC EQUIPMENT	336002	81.6	81.6	81.5	80.4	80.3	80.3	78.4	78.3	77.9	77.6	76.9	76.9	79.3
COMMUNICATIONS EQUIPMENT	336603	19.9	19.9	19.8	19.3	19.3	19.3	19.0	19.0	18.9	18.8	18.6	18.6	19.2
ELECTRONIC COMPONENTS	336703	37.7	37.6	37.6	37.3	37.2	37.1	36.2	36.1	35.7	35.7	35.5	35.6	36.6
TRANSPORTATION EQUIPMENT	337002	32.3	32.1	32.0	31.4	31.3	31.4	31.2	29.8	29.5	28.9	28.9	28.8	30.6
INSTRUMENTS	338002	72.0	71.7	71.7	71.6	71.6	72.1	71.5	71.3	70.8	70.1	70.2	70.1	71.2
MEASURING & CONTROL DEVICES	338203	28.6	28.5	28.5	28.7	28.6	28.7	28.3	28.2	28.0	27.3	27.3	27.3	28.2
MISCELLANEOUS MANUFACTURING	339002	18.5	18.4	18.6	18.2	18.2	18.1	17.9	18.2	18.6	18.4	18.5	18.3	18.3
JEWELRY	339103	7.2	7.2	7.2	7.0	7.0	7.0	7.3	7.2	7.5	7.4	7.4	7.4	7.2
NONDURABLE GOODS	400016	191.5	191.4	191.5	190.2	190.3	192.1	185.4	188.4	189.0	186.4	185.9	186.4	189.0
FOOD & KINDRED PRODUCTS	420002	20.6	20.3	20.0	19.9	20.0	20.4	20.3	20.8	21.1	21.0	21.0	21.0	20.5
TEXTILE MILL PRODUCTS	422002	15.6	15.7	15.7	15.7	15.6	15.9	14.5	15.4	15.5	15.4	15.3	15.2	15.5
APPAREL	423002	22.3	22.5	22.6	22.8	22.8	23.0	21.2	21.9	22.1	21.0	20.6	20.6	22.0
PAPER & ALLIED PRODUCTS	426002	23.8	23.7	23.6	23.1	23.2	23.5	22.8	23.1	23.3	23.4	23.4	23.3	23.4
PRINTING & PUBLISHING	427002	55.6	55.7	55.8	55.4	55.6	56.0	54.8	54.2	54.4	53.8	54.0	54.9	55.0
CHEMICALS	428002	18.4	18.4	18.4	18.4	18.3	18.5	18.5	18.6	18.5	18.3	18.4	18.5	18.4
RUBBER & MISCELLANEOUS PLASTIC PROD	430002	26.1	26.1	26.1	25.8	25.6	25.6	25.0	25.2	24.8	24.4	24.3	24.3	25.3
MISCELLANEOUS PLASTIC PRODUCTS	430803	19.4	19.3	19.3	19.2	19.1	19.1	18.7	18.8	18.7	18.5	18.4	18.4	18.9
LEATHER & LEATHER PRODUCTS	431002	7.7	7.7	7.7	7.6	7.6	7.7	6.7	7.7	7.7	7.5	7.4	7.3	7.5
TRANSPORTATION,PUBLIC UTILITIES	500001	131.0	131.3	130.8	130.8	131.7	134.1	129.5	118.5	122.9	122.3	123.1	133.4	128.3
TRANSPORTATION	500016	74.7	74.9	74.2	74.5	75.2	76.7	71.9	72.6	77.1	76.8	77.5	77.0	75.3
COMMUNICATIONS & PUBLIC UTILITIES	500036	56.3	56.4	56.6	56.3	56.5	57.4	57.6	45.9	45.8	45.5	45.6	56.4	53.0
COMMUNICATIONS	548002	33.3	33.4	33.3	33.0	32.9	33.2	33.5	21.7 1	21.7	21.5	21.6	32.3 2	29.3
ELECTRIC,GAS & SANITARY SERVICES	549002	23.0	23.0	23.3	23.3	23.6	24.2	24.1	24.2	24.1	24.0	24.0	24.1	23.7

1 Strike
2 Strike Over

7/1/91

Department of Employment and Training

MASSACHUSETTS
NONAGRICULTURAL WAGE & SALARY EMPLOYMENT
FOR CALENDAR YEAR 1989

REVISED TO 1ST QTR 1990 BENCHMARK

INDUSTRY	SERIES CODE	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	AVG.
WHOLESALE & RETAIL TRADE	600001	737.8	728.0	732.2	729.9	737.1	754.8	748.8	747.9	742.5	734.5	741.6	751.4	740.5
WHOLESALE TRADE	600016	182.2	180.1	180.9	180.3	180.4	182.5	180.0	180.1	179.3	176.8	176.4	176.2	179.6
DURABLE GOODS	650012	108.8	108.7	109.1	109.0	109.0	109.8	108.4	108.5	108.1	106.8	105.9	105.9	108.2
NONDURABLE GOODS	651012	73.4	71.4	71.8	71.3	71.4	72.7	71.6	71.6	71.2	70.0	70.5	70.3	71.4
RETAIL TRADE	600036	555.6	547.9	551.3	549.6	556.7	572.3	568.8	567.8	563.2	557.7	565.2	575.2	560.9
BUILD. MATERIALS & GARDEN SUPPLIES	652002	22.2	21.8	22.1	22.4	22.7	23.0	22.2	21.9	21.5	21.0	20.8	20.5	21.8
GENERAL MERCHANDISE STORES	653002	60.4	56.3	56.1	54.8	54.1	57.0	55.2	54.6	55.2	57.8	62.3	66.3	57.5
FOOD STORES	654002	99.0	98.1	98.5	98.6	99.1	101.0	101.2	100.9	98.9	99.9	101.0	102.2	99.9
AUTO DEALERS & SERVICE STATIONS	655002	50.6	50.5	50.6	50.3	50.6	50.9	49.5	49.4	49.3	48.5	47.9	47.5	49.6
APPAREL & ACCESSORIES	656002	47.3	45.8	46.0	44.7	45.3	46.5	45.8	46.6	47.0	46.9	49.1	51.5	46.9
FURN. & EQUIP. STORES	657002	26.0	25.5	25.4	24.7	24.7	24.4	24.9	24.3	24.3	24.4	24.9	25.3	24.9
EATING & DRINKING PLACES	658002	166.1	168.1	171.1	173.1	179.2	187.3	189.4	189.3	185.2	176.6	174.0	173.5	177.7
MISCELLANEOUS RETAIL	659002	84.0	81.8	81.5	81.0	81.0	82.2	90.6	80.8	81.8	82.6	85.2	88.4	82.6
FINANCE, INSURANCE & REAL ESTATE	700001	216.1	215.8	216.6	217.4	217.4	220.2	220.2	219.7	217.8	215.1	215.2	216.5	217.3
FINANCE	700026	107.2	106.9	107.1	107.1	106.8	108.0	107.9	107.4	106.6	106.3	106.4	107.2	107.1
DEPOSITORY INSTITUTIONS	760002	74.8	74.6	74.6	74.5	74.3	75.1	74.9	74.4	73.7	73.3	73.1	73.6	74.2
COMMERCIAL BANKS	760203	44.8	44.6	44.6	44.5	44.3	44.8	44.7	44.3	43.9	43.6	43.5	43.8	44.3
SAVINGS INSTITUTIONS	760303	23.2	23.1	23.1	23.1	23.1	23.3	23.2	23.0	22.8	22.8	22.7	22.9	23.0
INSURANCE	700046	77.9	77.9	78.1	78.3	78.4	78.9	78.6	78.6	78.2	77.0	77.1	77.5	78.0
INSURANCE CARRIERS	763002	56.0	55.9	56.0	56.0	56.0	56.4	56.0	55.9	55.5	54.6	54.6	54.7	55.6
SERVICES	800001	887.1	907.0	918.4	924.9	929.5	939.4	929.0	929.5	932.6	930.9	930.6	930.6	924.1
BUSINESS SERVICES	873002	159.5	160.4	162.4	160.1	159.8	163.3	159.5	160.0	160.9	156.2	156.9	156.1	159.6
HEALTH SERVICES	880002	258.0	259.7	260.7	260.3	260.9	264.0	261.9	261.8	262.4	262.8	264.4	265.7	261.9
HOSPITALS	880603	127.4	128.2	128.1	127.4	127.0	128.5	127.2	126.7	126.7	126.7	127.3	127.5	127.4
EDUCATIONAL SERVICES	882002	107.2	122.8	126.2	128.6	128.3	120.3	115.5	114.0	122.7	131.4	132.4	132.8	123.5
SOCIAL SERVICES	883002	64.6	65.0	65.7	65.4	65.8	65.4	62.6	63.0	64.6	65.7	66.3	66.9	65.1
ENGINEERING & MGMT. SERVICES	887002	100.1	100.9	101.0	99.6	99.1	100.9	100.8	101.5	100.7	100.2	*100.5	100.8	100.5
GOVERNMENT	900001	408.4	411.2	411.9	413.4	414.1	412.8	390.0	382.9	392.0	399.6	403.4	403.8	403.6
FEDERAL	910001	63.1	63.5	63.4	63.4	62.6	63.4	62.9	62.3	61.4	60.7	60.6	61.1	62.4
U S POSTAL SERVICE	914302	28.0	27.8	27.8	27.8	27.6	27.7	27.8	27.7	27.3	27.1	27.0	27.4	27.6
STATE	920001	101.9	102.3	102.4	102.2	102.5	99.3	99.6	98.8	99.7	101.3	*100.9	99.2	100.8
STATE HOSPITALS	928063	12.9	12.9	12.8	12.7	12.7	12.6	12.7	12.5	12.6	12.4	12.4	12.2	12.6
STATE EDUCATION	928202	24.8	25.5	25.6	25.6	25.7	22.0	21.7	21.4	23.6	25.3	25.3	24.1	24.2
LOCAL	930001	243.4	245.4	246.1	247.8	249.0	250.1	227.5	221.8	230.9	237.6	241.9	243.5	240.4
LOCAL EDUCATION	938202	139.6	141.7	141.6	142.6	142.9	139.9	116.5	112.8	126.1	135.1	138.3	139.0	134.7
* HIGH TECHNOLOGY MANUFACTURING	336000	236.0	235.3	234.8	232.6	232.1	232.8	229.2	228.5	227.0	225.1	222.9	222.3	229.9
* HIGH TECHNOLOGY NONMANUFACTURING	873985	96.0	95.9	96.2	95.6	94.9	96.3	96.0	96.5	95.7	94.5	94.9	95.1	95.6

* - NOT CURRENTLY VALIDATED BY THE U.S. BUREAU OF LABOR STATISTICS

7/1/91

Department of Employment and Training

MASSACHUSETTS
NONAGRICULTURAL WAGE & SALARY EMPLOYMENT
FOR CALENDAR YEAR 1988

REVISED TO 1ST QTR 1989 BENCHMARK

INDUSTRY	SERIES CODE	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	AVG.
NONAGRICULTURAL EMPLOYMENT	000000	3,037.9	3,057.9	3,090.9	3,112.8	3,129.5	3,169.7	3,130.6	3,129.7	3,149.3	3,152.5	3,166.6	3,186.6	3,126.2
TOTAL PRIVATE	000015	2,633.7	2,650.1	2,678.7	2,700.0	2,716.8	2,756.5	2,738.9	2,743.3	2,747.0	2,744.4	2,753.5	2,770.8	2,719.5
GOODS PRODUCING	000045	716.4	714.5	722.0	728.7	733.2	744.9	733.1	737.4	734.9	728.2	726.4	720.8	728.4
SERVICE PRODUCING	000055	2,321.5	2,343.4	2,368.9	2,384.1	2,396.3	2,424.8	2,397.5	2,392.3	2,414.4	2,424.3	2,440.2	2,465.8	2,397.8
PRIVATE SERVICE PRODUCING	000075	1,917.4	1,935.6	1,956.7	1,971.3	1,983.6	2,011.6	2,005.8	2,005.9	2,012.1	2,016.2	2,027.1	2,050.0	1,991.1
MINING	100001	1.5	1.5	1.5	1.7	1.7	1.7	1.8	1.7	1.7	1.8	1.7	1.7	1.7
CONSTRUCTION	200001	128.1	126.0	131.6	140.5	144.9	152.4	153.0	153.4	150.9	144.5	141.8	137.6	142.1
MANUFACTURING	300001	586.8	587.0	588.9	586.5	586.6	590.8	578.3	582.3	582.3	581.9	582.9	581.5	584.7
DURABLE GOODS	300016	389.1	389.1	390.3	389.7	390.2	392.2	385.4	386.6	386.1	386.6	386.6	385.7	388.1
LUMBER & FURNITURE	324026	13.1	13.0	13.2	13.3	13.3	13.3	12.6	12.8	12.7	12.5	12.3	12.2	12.9
STONE,CLAY & GLASS	332002	10.5	10.3	10.6	10.7	10.7	10.8	10.7	10.8	10.6	10.8	10.8	10.8	10.7
* PRIMARY METALS	333002	13.2	13.6	13.6	13.2	13.1	13.2	12.2	12.2	12.2	12.6	12.6	12.6	12.9
* FABRICATED METALS	334002	45.3	45.3	45.5	45.2	45.2	45.3	44.4	44.8	44.8	44.9	44.7	44.8	45.0
CUTLERY,HAND TOOLS,HARDWARE	334203	9.0	9.1	9.2	9.1	9.0	8.9	8.7	8.7	8.6	8.6	8.4	8.4	8.8
INDUSTRIAL MACH & EQUIPMENT	335002	100.8	100.9	100.7	100.9	100.5	100.8	99.6	99.3	99.2	99.3	99.3	99.2	100.0
METALWORKING MACHINERY	335403	13.3	13.4	13.5	13.3	13.2	13.1	12.8	12.6	12.5	12.4	12.2	12.1	12.9
SPECIAL INDUSTRY MACHINERY	335503	11.7	11.5	11.4	11.1	11.0	10.9	10.7	10.6	10.5	10.5	10.5	10.5	10.9
COMPUTER & OFFICE EQUIPMENT	335703	53.4	53.5	53.3	54.3	54.2	54.4	54.3	54.1	53.9	54.0	54.1	54.0	54.0
* ELECTRONIC & ELECTRIC EQUIPMENT	336002	83.5	83.5	83.6	83.4	83.1	83.5	81.9	82.1	82.0	81.4	81.5	81.7	82.6
*COMMUNICATIONS EQUIPMENT	336603	18.8	18.8	18.8	19.0	19.1	19.4	19.2	19.2	19.2	19.4	19.5	19.7	19.2
*ELECTRONIC COMPONENTS	336703	38.9	39.1	39.2	38.7	38.4	38.4	37.8	38.0	37.8	37.1	36.9	36.8	38.1
TRANSPORTATION EQUIPMENT	337002	32.0	31.7	32.2	32.3	33.2	33.2	32.7	32.3	32.3	32.5	32.5	32.4	32.4
* INSTRUMENTS	338002	71.4	71.5	71.6	71.6	71.9	71.9	72.7	73.3	73.0	73.1	73.3	72.4	72.4
*MEASURING & CONTROL DEVICES	338203	28.4	28.5	28.6	28.3	28.0	28.1	28.3	28.3	28.0	28.0	27.9	28.1	28.2
MISCELLANEOUS MANUFACTURING	339002	19.3	19.3	19.3	19.1	19.0	19.2	18.6	19.0	19.3	19.5	19.6	19.6	19.2
JEWELRY	339103	7.4	7.4	7.4	7.2	7.2	7.2	7.2	7.3	7.4	7.4	7.4	7.4	7.3
NONDURABLE GOODS	400016	197.7	197.9	198.6	196.8	196.6	198.6	192.9	195.7	196.2	195.3	196.3	195.8	196.5
FOOD & KINDRED PRODUCTS	420002	21.0	21.0	20.8	20.3	20.4	20.9	20.8	21.2	21.3	21.5	21.6	21.4	21.0
TEXTILE MILL PRODUCTS	422002	16.7	16.7	16.7	16.3	16.2	16.3	15.3	16.2	16.3	15.9	16.3	16.2	16.3
APPAREL	423002	23.9	24.1	24.4	23.9	24.1	24.2	22.9	23.5	23.6	23.3	23.1	22.9	23.7
PAPER & ALLIED PRODUCTS	426002	24.8	24.6	24.7	24.7	24.6	24.6	23.6	23.9	24.1	23.9	24.0	24.0	24.3
PRINTING & PUBLISHING	427002	55.8	55.7	55.0	55.8	55.6	56.4	55.4	55.5	55.4	55.7	56.2	56.3	55.8
CHEMICALS	428002	18.1	18.2	18.3	18.4	18.5	18.9	18.9	18.9	18.9	18.7	18.8	18.9	18.6
RUBBER & MISCELLANEOUS PLASTIC PROD	430002	27.3	27.4	27.6	27.3	26.9	27.0	26.3	26.6	26.7	26.4	26.6	26.7	26.9
MISCELLANEOUS PLASTIC PRODUCTS	430803	21.0	21.0	21.0	20.7	20.3	20.3	19.7	20.0	19.9	19.7	19.7	19.9	20.3
LEATHER & LEATHER PRODUCTS	431002	8.6	8.7	8.8	8.6	8.6	8.6	8.1	8.3	8.3	8.2	8.2	8.0	8.4
TRANSPORTATION,PUBLIC UTILITIES	500001	131.3	132.6	134.0	132.3	132.9	135.9	132.1	131.6	135.5	134.8	135.0	135.5	133.6
TRANSPORTATION	500016	75.3	75.0	76.3	77.1	77.4	78.8	75.1	74.6	78.6	78.2	78.3	78.7	77.0
COMMUNICATIONS & PUBLIC UTILITIES	500036	56.0	57.6	57.7	55.2	55.5	57.1	57.0	57.0	56.9	56.6	56.7	56.8	56.7
COMMUNICATIONS	548002	33.7	35.1	35.1	32.6	32.6	33.6	33.7	33.6	33.4	33.5	33.5	33.5	33.7
ELECTRIC,GAS & SANITARY SERVICES	549002	22.3	22.5	22.6	22.6	22.9	23.5	23.3	23.4	23.5	23.1	23.2	23.3	23.0
WHOLESALE & RETAIL TRADE	600001	719.3	715.0	718.9	724.0	731.2	747.5	747.3	747.9	744.8	745.7	757.0	774.5	739.4
WHOLESALE TRADE	600016	173.6	174.2	175.0	175.1	176.3	178.8	180.2	180.9	181.3	182.2	183.8	185.6	178.9
DURABLE GOODS	650012	104.4	104.6	105.1	105.8	106.7	107.9	108.7	109.4	109.9	110.8	111.8	113.3	108.2

Department of Employment and Training

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NONDURABLE GOODS	651012	69.2	69.6	69.9	69.3	69.6	70.9	71.5	71.5	71.4	71.4	72.0	72.3	70.7
RETAIL TRADE	600036	545.7	540.8	543.9	548.9	554.9	568.7	567.1	567.0	563.5	563.5	573.2	588.9	560.5
BUILD. MATERIALS & GARDEN SUPPLIES	652002	21.7	21.6	22.0	22.4	22.9	23.5	23.3	23.2	22.9	22.7	22.9	23.1	22.7
GENERAL MERCHANDISE STORES	653002	61.4	57.4	56.0	55.0	55.1	55.7	54.2	53.8	53.9	57.0	61.1	64.8	57.1
FOOD STORES	654002	95.4	96.0	95.9	95.8	95.9	98.3	99.1	98.7	97.2	97.4	99.0	101.6	97.5
AUTO DEALERS & SERVICE STATIONS	655002	51.3	51.5	52.2	52.4	52.6	53.1	52.7	52.7	53.0	52.0	52.1	52.1	52.3
APPAREL & ACCESSORIES	656002	45.5	44.3	44.8	44.9	44.8	45.3	44.8	45.2	45.6	46.3	48.4	51.3	45.9
FURN. & EQUIP. STORES	657002	25.6	25.3	25.2	25.0	24.8	25.1	25.2	25.1	25.2	25.6	26.5	27.4	25.5
EATING & DRINKING PLACES	658002	162.4	164.5	167.7	173.0	178.3	186.4	187.3	187.5	183.6	178.4	176.5	177.3	176.9
MISCELLANEOUS RETAIL	659002	82.4	80.2	80.1	80.4	80.5	81.3	80.5	80.8	82.1	84.1	86.7	91.3	82.5
FINANCE, INSURANCE & REAL ESTATE	700001	220.3	220.4	221.1	221.2	221.7	225.0	226.4	225.3	222.0	218.1	218.2	218.4	221.5
FINANCE	700026	108.9	108.9	108.9	108.2	108.2	109.5	110.0	109.3	108.1	107.0	107.6	108.1	108.6
*DEPOSITORY INSTITUTIONS	760002	75.2	75.2	75.5	75.7	75.8	76.9	76.4	76.0	75.3	75.1	75.5	75.7	75.7
COMMERCIAL BANKS	760203	46.2	46.2	46.3	46.3	46.4	47.1	46.8	46.4	45.9	46.0	46.1	46.1	46.3
SAVINGS INSTITUTIONS	760303	22.6	22.6	22.7	22.9	22.9	23.2	23.0	22.9	22.6	22.4	22.5	22.6	22.7
INSURANCE	700046	78.1	78.1	78.4	78.3	78.7	79.8	80.4	80.4	79.3	77.5	77.6	77.4	78.7
INSURANCE CARRIERS	763002	56.3	56.2	56.3	56.3	56.8	57.7	58.4	58.4	57.4	55.8	55.6	55.5	56.7
SERVICES	800001	846.5	867.6	882.7	893.8	897.8	903.2	900.0	901.1	909.8	917.6	916.9	921.6	896.6
BUSINESS SERVICES	873002	152.9	154.7	158.9	159.0	161.0	163.7	165.1	167.0	168.4	165.5	165.5	168.1	162.5
HEALTH SERVICES	880002	245.8	246.6	248.0	249.7	250.0	253.0	251.2	251.6	253.3	254.7	256.3	258.4	251.6
HOSPITALS	880603	124.5	124.7	124.9	125.6	125.5	127.0	125.4	125.4	126.0	126.5	126.8	127.3	125.8
EDUCATIONAL SERVICES	882002	105.3	120.5	123.7	122.9	119.0	106.6	101.6	100.7	112.2	126.3	127.0	126.4	116.0
SOCIAL SERVICES	883002	59.6	60.2	61.2	61.5	61.9	62.1	60.9	60.6	62.7	63.0	63.8	64.6	61.8
ENGINEERING & MGMT. SERVICES	887002	91.7	92.4	93.4	94.5	94.9	97.0	97.7	98.0	98.2	98.4	98.9	100.0	96.3
GOVERNMENT	900001	404.1	407.8	412.2	412.8	412.7	413.2	391.7	386.4	402.3	408.1	413.1	415.8	406.7
FEDERAL	910001	61.9	62.9	64.0	64.6	64.0	64.2	63.8	63.5	62.6	62.4	62.4	63.0	63.3
U S POSTAL SERVICE	914302	26.6	26.8	27.2	27.5	27.4	27.6	27.8	27.8	27.6	27.5	27.7	28.0	27.5
STATE	920001	101.4	102.7	103.1	103.2	103.6	101.6	101.6	101.2	101.9	102.9	102.9	102.9	102.4
STATE HOSPITALS	928063	12.3	12.3	12.4	12.4	12.4	12.6	12.7	12.5	12.6	12.7	12.8	12.8	12.5
STATE EDUCATION	928202	25.8	26.9	26.9	26.8	26.8	23.7	23.0	22.7	24.4	25.8	25.9	25.8	25.4
LOCAL	930001	240.8	242.2	245.1	245.0	245.1	247.4	226.3	221.7	237.8	242.8	247.8	249.9	241.0
LOCAL EDUCATION	938202	137.6	139.2	140.8	141.0	140.6	137.7	115.4	111.6	130.3	138.7	141.8	143.3	134.8
** HIGH TECHNOLOGY MANUFACTURING	336000	238.4	238.6	238.8	238.9	238.7	240.4	238.5	239.0	238.1	237.9	238.0	237.3	238.6
* HIGH TECHNOLOGY NONMANUFACTURING	873985	89.8	90.2	91.1	92.1	92.9	94.6	95.6	95.9	95.7	96.2	96.7	97.9	94.1

* - NOT CURRENTLY VALIDATED BY THE U.S. BUREAU OF LABOR STATISTICS

* SERIES BREAK Data not comparable to previous years

7/1/91

M A S S A C H U S E T T S
NONAGRICULTURAL WAGE & SALARY EMPLOYMENT
FOR CALENDAR YEAR 1987

REVISED TO 1ST QTR 1988 BENCHMARK

I N D U S T R Y	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	AVG.
NONAGRICULTURAL EMPLOYMENT	2,958.3	2,975.9	2,995.9	3,043.7	3,069.7	3,106.1	3,074.4	3,076.3	3,083.4	3,101.8	3,115.9	3,140.3	3,061.8
Manufacturing	601.8	601.4	600.5	601.2	600.6	603.9	591.7	596.6	597.8	597.7	598.9	597.1	599.1
Durable Goods	401.1	400.7	399.3	400.5	399.4	400.3	393.8	395.6	396.1	396.7	397.2	395.4	398.0
Lumber & Furniture	13.2	13.2	13.3	13.7	13.7	14.0	13.7	13.9	13.8	13.7	13.6	13.6	13.6
Stone,Clay & Glass	10.3	10.1	10.3	10.5	10.6	10.9	10.9	11.0	11.0	11.0	11.0	11.1	10.7
Primary Metals	15.7	15.7	15.8	15.7	15.6	15.6	15.3	15.5	15.6	15.4	15.4	15.5	15.6
Fabricated Metals	42.2	42.1	42.2	41.9	41.7	41.9	41.3	41.3	41.4	41.5	41.6	41.7	41.7
Cutlery,Hand tools,Hardware	9.5	9.4	9.4	9.2	9.1	9.0	8.9	8.9	8.8	9.0	9.0	9.0	9.1
Other Fabricated metal products	32.7	32.7	32.8	32.7	32.6	32.9	32.4	32.4	32.6	32.5	32.6	32.7	32.6
Machinery, except electrical	103.2	103.3	103.1	103.1	102.6	102.7	101.4	101.6	101.6	101.3	101.4	101.8	102.3
Metalworking machinery	13.2	13.0	12.9	12.8	12.7	12.8	12.6	12.8	13.0	13.2	13.2	13.5	13.0
Special industry machinery	11.9	12.1	12.1	12.1	11.9	11.8	11.6	11.5	11.5	11.4	11.4	11.4	11.7
Other Machinery, execpt electrical	78.1	78.2	78.1	78.2	78.0	78.1	77.2	77.3	77.1	76.7	76.8	76.9	77.6
* Office Computing, & Accounting Machines	55.2	55.5	55.3	55.7	55.6	55.2	54.7	54.7	54.5	54.4	54.4	54.6	55.0
Electrical & Electronic machinery,equip.,etc.	106.3	106.4	105.2	106.0	105.3	105.5	104.7	105.2	104.9	104.0	104.1	104.4	105.2
Communications equipment	41.7	41.4	40.1	40.5	39.6	39.5	39.3	39.0	38.7	38.9	38.9	38.8	39.7
Electronic components	40.2	40.7	40.7	40.3	40.4	40.7	40.9	41.0	40.9	40.1	40.1	40.1	40.5
Other Electric and Electronic equipment	24.4	24.3	24.4	25.2	25.3	25.3	24.5	25.2	25.3	25.0	25.1	25.5	25.0
Transportation equipment	37.2	36.9	36.6	36.5	36.6	36.0	33.3	33.4	34.4	35.6	35.5	32.7	35.4
Instruments	54.2	54.3	54.0	54.3	54.5	54.7	54.4	54.6	54.3	54.7	54.9	55.1	54.5
Measuring & Control devices	19.8	19.9	19.7	19.7	19.7	19.8	19.8	20.0	19.9	20.2	20.3	20.6	20.0
Other Instruments and related products	34.4	34.4	34.3	34.6	34.8	34.9	34.6	34.6	34.4	34.5	34.6	34.5	34.6
Miscellaneous Manufacturing Industries	18.8	18.7	18.8	18.8	18.8	19.0	18.8	19.1	19.1	19.5	19.7	19.5	19.1
Jewelry	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.4	7.4	7.5	7.6	7.5	7.3
Other Miscellaneous manufacturing industrie	11.6	11.5	11.6	11.6	11.6	11.8	11.6	11.7	11.7	12.0	12.1	12.0	11.7
Nondurable Goods	200.7	200.7	201.2	200.7	201.2	203.6	197.9	201.0	201.7	201.0	201.7	201.7	201.1
Food & kindred products	21.2	21.2	21.0	20.9	21.0	21.7	21.4	21.6	21.5	21.6	21.6	21.7	21.4
Textile mill products	17.4	17.5	17.5	17.4	17.3	17.3	16.2	16.9	16.9	16.5	16.9	16.8	17.1
Apparel	25.5	25.7	26.0	25.5	25.7	26.1	24.4	25.7	25.7	25.2	25.0	24.8	25.4
Mens & Boys suits,coats & furnishings	6.7	6.8	6.8	6.7	6.8	6.8	6.4	6.7	6.7	6.6	6.6	6.5	6.7
Other Apparel and textile products	18.8	18.9	19.2	18.8	18.9	19.3	18.0	19.0	19.0	18.6	18.4	18.3	18.8
Paper & allied products	24.5	24.5	24.5	24.6	24.7	24.8	24.1	24.5	25.0	25.0	25.2	25.0	24.7
Printing & Publishing	55.1	55.0	55.0	55.2	55.1	55.8	55.4	55.6	55.8	56.0	56.4	56.7	55.6
Chemicals	17.4	17.3	17.4	17.5	17.8	18.2	18.3	18.4	18.3	18.3	18.4	18.7	18.0
Rubber & miscellaneous Plastic products	29.6	29.6	29.8	29.3	29.2	29.2	28.1	28.0	27.9	28.0	27.8	27.8	28.7
Miscellaneous Plastic products	22.3	22.5	22.7	22.3	22.3	22.4	21.7	21.7	21.6	21.7	21.5	21.5	22.0
Other Rubber and Plastic products	7.3	7.1	7.1	7.0	6.9	6.8	6.4	6.3	6.3	6.3	6.3	6.3	6.7
Leather & Leather products	8.9	8.8	8.9	8.9	8.9	9.0	8.4	8.6	8.9	8.8	8.8	8.7	8.8
Footwear, except rubber	4.5	4.4	4.5	4.4	4.4	4.5	4.1	4.1	4.3	4.2	4.2	4.2	4.3
Other Leather and leather products	4.4	4.4	4.4	4.5	4.5	4.5	4.3	4.5	4.6	4.6	4.6	4.5	4.5
Other nondurable goods	1.1	1.1	1.1	1.4	1.5	1.5	1.6	1.7	1.7	1.6	1.6	1.5	1.5
Mining	1.5	1.4	1.5	1.4	1.5	1.6	1.6	1.6	1.6	1.7	1.7	1.6	1.6

* - Not currently validated by the U.S. Bureau of Labor Statistics.

5/1/89

MASSACHUSETTS
NONAGRICULTURAL WAGE & SALARY EMPLOYMENT
FOR CALENDAR YEAR 1987

REVISED TO 1ST QTR 1988 BENCHMARK

INDUSTRY	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	AVG.
Construction	119.3	115.1	119.2	131.3	138.8	146.6	150.3	150.6	148.8	146.6	144.3	141.9	137.7
Transportation, Communication & Public Utilities	125.8	125.8	126.8	129.1	131.0	133.1	130.2	130.7	134.1	134.3	134.8	136.6	131.0
Wholesale & Retail trade	703.5	698.7	702.6	714.5	722.8	734.5	731.7	731.0	725.2	725.8	736.8	754.0	723.4
Wholesale Trade	166.0	166.3	167.1	169.3	170.5	172.7	172.6	172.9	172.3	172.8	173.6	175.1	170.9
Retail Trade	537.5	532.4	535.5	545.2	552.3	561.8	559.1	558.1	552.9	553.0	563.2	578.9	552.5
Finance, Insurance & Real Estate	208.8	210.0	211.6	214.2	216.3	221.8	223.7	224.3	222.0	219.9	220.3	222.1	217.9
Banking	62.7	62.8	63.2	62.8	63.4	65.3	64.8	64.7	64.1	63.7	64.3	64.6	63.9
Other Finance, Insurance and Real Estate	146.1	147.2	148.4	151.4	152.9	156.5	158.9	159.6	157.9	156.2	156.0	157.5	154.1
Services	809.5	828.0	837.0	852.4	857.3	857.8	856.6	857.9	860.1	875.6	874.7	879.9	853.9
Health Services	241.1	241.3	242.3	243.0	243.5	245.1	243.3	243.2	244.3	244.8	246.0	247.5	243.8
Educational Services	102.8	117.7	120.1	121.9	119.8	104.7	100.0	99.8	107.8	121.5	122.8	122.4	113.4
Other Services	465.6	469.0	474.6	487.5	494.0	508.0	513.3	514.9	508.0	509.3	505.9	510.0	496.7
Government	388.1	395.5	396.7	399.6	401.4	406.8	388.6	383.6	393.8	400.2	404.4	407.1	397.2
Federal	59.5	60.6	60.8	61.7	61.5	62.8	62.8	62.6	61.2	60.9	61.1	61.9	61.5
U.S. Postal Service	25.2	25.7	25.8	26.0	26.2	26.9	26.6	26.5	25.9	26.2	26.5	27.2	26.2
Other Federal	34.3	34.9	35.0	35.7	35.3	35.9	36.2	36.1	35.3	34.7	34.6	34.7	35.2
State	94.1	98.6	98.5	99.1	99.5	99.2	100.1	99.8	100.2	101.3	101.6	101.8	99.5
Educational services	23.2	27.5	27.5	27.3	27.5	25.9	25.7	25.5	26.8	27.0	27.1	27.0	26.5
Other State	70.9	71.1	71.0	71.8	72.0	73.3	74.4	74.3	73.4	74.3	74.5	74.8	73.0
Local	234.5	236.3	237.4	238.8	240.4	244.8	225.7	221.2	232.4	238.0	241.7	243.4	236.2
Educational services	133.7	135.6	136.3	136.9	137.6	137.2	116.6	112.3	127.0	135.1	137.8	138.5	132.1
Other Local	100.8	100.7	101.1	101.9	102.8	107.6	109.1	108.9	105.4	102.9	103.9	104.9	104.2
* High Technology Manufacturing	241.4	241.8	240.2	240.9	240.2	240.2	238.8	239.6	238.9	238.3	238.8	239.5	239.9
* High Technology Nonmanufacturing	81.9	82.2	82.4	84.6	84.7	86.2	86.6	86.9	86.6	86.1	86.5	87.5	85.2

* - Not currently validated by the U.S. Bureau of Labor Statistics.

MASSACHUSETTS
NONAGRICULTURAL WAGE & SALARY EMPLOYMENT
FOR CALENDAR YEAR 1986

REVISED TO 1ST QTR 1987 BENCHMARK

INDUSTRY	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	AVG.
NONAGRICULTURAL EMPLOYMENT	2,904.7	2,916.6	2,936.8	2,975.2	2,997.4	3,018.2	2,982.4	2,988.4	3,004.3	3,016.4	3,030.3	3,046.9	2,984.8
Manufacturing	625.5	622.9	618.2	621.3	619.4	614.8	601.4	609.1	611.3	609.3	608.6	611.3	614.4
Durable Goods	417.7	416.0	411.1	415.3	413.9	406.8	403.6	404.5	406.4	404.4	403.4	406.2	409.1
Lumber & Furniture	13.2	13.2	13.4	13.5	13.5	13.8	13.5	13.7	13.7	13.7	13.7	13.6	13.5
Stone,Clay & Glass	10.8	10.6	10.7	10.9	10.9	11.0	10.9	10.9	10.7	10.7	10.7	10.7	10.8
Primary Metals	15.8	15.9	15.9	16.0	15.9	16.0	15.5	15.7	15.8	15.7	15.7	15.6	15.8
Fabricated Metals	43.5	43.1	43.4	43.5	43.4	43.6	41.7	42.0	42.0	41.8	42.6	42.8	42.8
Cutlery,Hand tools,Hardware	9.6	9.6	9.7	9.8	9.6	9.6	9.5	9.5	9.4	9.6	9.6	9.7	9.6
Other Fabricated metal products	33.9	33.5	33.7	33.7	33.8	34.0	32.2 1/	32.5	32.6	32.2	33.0 2/	33.1	33.2
Machinery, except electrical	110.3	110.0	109.6	108.9	108.6	108.8	107.5	105.9	105.5	104.5	104.0	105.1	107.4
Metalworking machinery	14.3	14.1	14.1	13.9	13.7	13.8	13.5	13.5	13.5	13.1	13.4	13.4	13.7
Special industry machinery	12.9	12.8	12.7	12.5	12.5	12.5	12.2	12.1	12.1	12.1	11.8	12.0	12.4
Other Machinery, execpt electrical	83.1	83.1	82.8	82.5	82.4	82.5	81.8	80.3	79.9	79.3	78.8	79.7	81.4
* Office Computing, & Accounting Machines	59.1	59.1	59.1	59.0	59.1	59.2	58.9	57.5	57.2	56.9	56.5	57.5	58.3
Electrical & Electronic machinery,equip.,etc.	108.8	108.9	108.9	108.5	108.5	101.0	106.7	108.3	107.7	106.9	107.1	107.2	107.4
Communications equipment	43.9	43.8	43.9	43.8	43.8	35.9 3/	43.7 4/	43.6	43.2	42.9	43.4	42.9	42.9
Electronic components	40.6	40.8	40.8	40.6	40.6	40.9	40.8	40.9	41.1	41.0	40.8	41.5	40.9
Other Electric and Electronic equipment	24.3	24.3	24.2	24.1	24.1	24.2	22.2	23.8	23.4	23.0	22.9	22.8	23.6
Transportation equipment	39.7	39.1	33.9 5/	39.0 6/	38.4	37.9	34.4	34.2	37.4	37.2	37.2	37.3	37.1
Instruments	56.4	56.0	56.1	55.8	55.5	55.3	54.9	54.8	54.4	54.4	52.8	54.6	55.1
Measuring & Control devices	21.3	21.1	21.1	21.1	21.0	20.9	20.8	20.8	20.6	20.4	20.3	20.3	20.8
Other Instruments and related products	35.1	34.9	35.0	34.7	34.5	34.4	34.1	34.0	33.8	34.0	32.5	34.3	34.3
Miscellaneous Manufacturing Industries	19.2	19.2	19.2	19.2	19.2	19.4	18.5	19.0	19.2	19.5	19.6	19.3	19.2
Jewelry	7.9	7.7	7.7	7.5	7.3	7.3	7.1	7.2	7.2	7.4	7.5	7.4	7.4
Other Miscellaneous manufacturing industrie	11.3	11.5	11.5	11.7	11.9	12.1	11.4	11.8	12.0	12.1	12.1	11.9	11.8
Nondurable Goods	207.8	206.9	207.1	206.0	205.5	208.0	197.8	204.6	204.9	204.9	205.2	205.1	205.3
Food & kindred products	23.1	22.8	22.4	22.0	22.2	22.7	22.3	22.7	22.6	23.3	23.3	23.2	22.7
Textile mill products	18.4	18.2	18.1	18.3	18.0	18.0	16.3	17.4	17.7	17.4	17.4	17.4	17.7
Apparel	28.9	28.8	29.0	28.4	28.0	28.2	25.0	28.0	27.9	27.7	27.3	26.8	27.8
Mens & Boys suits,coats & furnishings	7.2	7.2	7.3	7.1	7.1	7.0	6.7	7.1	7.0	7.1	7.0	7.0	7.1
Other Apparel and textile products	21.7	21.6	21.7	21.3	20.9	21.2	18.3	20.9	20.9	20.6	20.3	19.8	20.8
Paper & allied products	25.2	25.1	25.1	24.9	24.8	25.2	24.0	24.4	24.7	24.8	24.9	24.9	24.8
Printing & Publishing	53.4	53.6	53.7	54.0	54.0	54.8	53.8	53.8	54.4	54.4	55.0	55.2	54.2
Chemicals	17.1	17.1	17.2	17.1	17.2	17.5	17.5	17.5	17.1	17.0	17.0	17.2	17.2
Rubber & miscellaneous Plastic products	29.1	29.3	29.5	29.2	29.3	29.6	28.0	29.7	29.6	29.7	29.8	30.0	29.4
Miscellaneous Plastic products	22.1	22.2	22.2	22.0	22.1	22.4	20.8	22.5	22.4	22.5	22.6	22.8	22.2
Other Rubber and Plastic products	7.0	7.1	7.3	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
Leather & Leather products	11.4	10.9	10.9	10.7	10.5	10.5	9.4	9.6	9.3	9.1	9.0	9.0	10.0
Footwear, except rubber	6.2	5.9	5.9	5.8	5.7	5.7	4.9	4.9	4.7	4.6	4.5	4.5	5.3
Other Leather and leather products	5.2	5.0	5.0	4.9	4.8	4.8	4.5	4.7	4.6	4.5	4.5	4.5	4.8
Other nondurable goods	1.2	1.1	1.2	1.4	1.5	1.5	1.5	1.5	1.6	1.5	1.5	1.4	1.4
Mining	1.4	1.4	1.5	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6

* - Not currently validated by the U.S. Bureau of Labor Statistics.

1/ Labor Dispute 800 Jobs.

2/ Labor Dispute Ends 800 Jobs.

3/ Labor Dispute 8200 Jobs.

4/ Labor Dispute Ends 8200 Jobs.

5/ Labor Dispute 5200 Jobs.

6/ Labor Dispute Ends 5200 Jobs.

5/1/89

MASSACHUSETTS
NONAGRICULTURAL WAGE & SALARY EMPLOYMENT
FOR CALENDAR YEAR 1986

REVISED TO 1ST QTR 1987 BENCHMARK

INDUSTRY	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	AVG.
Construction	104.0	102.2	105.1	118.3	7/ 124.6	130.1	8/ 134.2	135.2	133.2	131.9	130.8	128.2	123.2
Transportation, Communication & Public Utilities	123.2	123.8	124.9	123.4	125.0	128.2	123.6	123.9	127.8	128.5	129.5	129.4	125.9
Wholesale & Retail trade	687.5	681.3	686.1	699.3	709.8	722.1	716.6	717.8	716.0	715.5	726.7	737.8	709.7
Wholesale Trade	158.7	158.7	159.2	161.0	162.0	164.6	164.2	164.9	164.7	164.4	165.1	166.1	162.8
Retail Trade	528.8	522.6	526.9	538.3	547.8	557.5	552.4	552.9	551.3	551.1	561.6	571.7	546.9
Finance, Insurance & Real Estate	194.2	194.8	196.6	198.7	200.9	205.6	207.1	207.6	206.2	205.7	205.9	207.6	202.6
Banking	59.5	59.6	60.1	60.4	60.8	62.2	62.4	62.6	62.1	62.0	62.3	62.6	61.4
Other Finance, Insurance and Real Estate	134.7	135.2	136.5	138.3	140.1	143.4	144.7	145.0	144.1	143.7	143.6	145.0	141.2
Services	784.6	800.2	812.5	819.7	824.0	820.9	818.7	819.9	824.2	832.6	831.2	832.2	818.4
Health Services	238.3	238.2	239.5	237.7	238.2	239.2	237.7	238.0	239.3	238.7	239.9	241.1	238.8
Educational Services	102.1	115.4	120.1	120.7	118.5	102.6	96.8	95.3	106.1	119.1	120.0	120.0	111.4
Other Services	444.2	446.6	452.9	461.3	467.3	479.1	484.2	486.6	478.8	474.8	471.3	471.1	468.2
Government	384.3	390.0	391.9	392.9	392.0	394.8	379.1	373.2	383.9	391.2	395.9	398.7	389.0
Federal	59.4	60.5	61.0	60.9	59.7	60.2	59.8	59.6	59.1	59.3	59.2	60.2	59.9
U.S. Postal Service	23.5	23.6	23.8	24.1	24.4	25.1	25.3	25.2	24.9	25.0	25.3	25.9	24.7
Other Federal	35.9	36.9	37.2	36.8	35.3	35.1	34.5	34.4	34.2	34.3	33.9	34.3	35.2
State	95.7	98.1	98.5	98.2	98.2	97.4	98.1	97.3	97.6	97.3	97.8	98.7	97.7
Educational services	26.6	29.0	29.2	28.9	28.7	26.6	26.3	25.9	27.4	27.7	27.9	28.0	27.7
Other State	69.1	69.1	69.3	69.3	69.5	70.8	71.8	71.4	70.2	69.6	69.9	70.7	70.1
Local	229.2	231.4	232.4	233.8	234.1	237.2	221.2	216.3	227.2	234.6	238.9	239.8	231.3
Educational services	130.6	132.5	133.4	133.5	132.9	131.8	112.0	107.8	124.0	132.5	135.1	135.3	128.5
Other Local	98.6	98.9	99.0	100.3	101.2	105.4	109.2	108.5	103.2	102.1	103.8	104.5	102.9
* High Technology Manufacturing	248.4	248.1	248.3	247.7	247.5	240.4	9/ 244.7	10/ 244.8	243.5	241.9	240.8	243.8	245.0
* High Technology Nonmanufacturing	78.8	79.6	80.5	81.0	81.5	82.9	83.7	83.6	83.0	82.7	83.0	83.7	82.0

* - Not currently validated by the U.S. Bureau of Labor Statistics.

7/ Labor Dispute 1600 Jobs.

8/ Labor Dispute Ends 1600 Jobs.

9/ Labor Dispute 8200 Jobs.

10/ Labor Dispute Ends 8200 Jobs.

5/1/89

MASSACHUSETTS
NONAGRICULTURAL WAGE & SALARY EMPLOYMENT
FOR CALENDAR YEAR 1985

REVISED TO 1ST QTR 1987 BENCHMARK

INDUSTRY	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	AVG.
NONAGRICULTURAL EMPLOYMENT	2,844.5	2,856.0	2,883.3	2,914.7	2,940.3	2,969.2	2,920.1	2,930.6	2,939.5	2,957.0	2,971.4	2,984.0	2,926.0
Manufacturing	664.4	663.2	661.9	659.2	657.0	657.4	634.9	644.0	642.7	639.1	637.7	635.0	649.7
Durable Goods	447.5	446.9	446.1	443.0	441.5	440.9	429.5	430.4	429.9	426.0	425.7	423.0	436.0
Lumber & Furniture	13.0	13.0	13.3	13.3	13.4	13.5	12.9	13.4	13.4	13.6	13.5	13.5	13.3
Stone,Clay & Glass	11.4	11.3	11.5	11.6	11.6	11.7	11.7	11.7	11.0	11.5	11.3	11.2	11.5
Primary Metals	16.2	16.0	16.1	15.9	15.8	15.8	14.6	15.8	15.9	15.9	15.9	15.8	15.8
Fabricated Metals	47.4	47.0	46.9	45.6	45.1	45.1	44.4	44.3	44.5	44.7	44.5	44.4	45.3
Cutlery,Hand tools,Hardware	9.8	9.8	9.9	9.3	9.4	9.3	9.6	9.5	9.6	9.7	9.6	9.9	9.6
Other Fabricated metal products	37.6	37.2	37.0	36.3	35.7	35.8	34.8	34.8	34.9	35.0	34.9	34.5	35.7
Machinery, except electrical	124.5	124.8	124.4	123.2	122.1	121.2	117.4	116.2	115.0	113.6	113.4	113.1	119.0
Metalworking machinery	15.0	14.9	14.8	14.7	14.8	14.8	14.4	14.4	14.5	14.4	14.4	14.4	14.7
Special Industry machinery	15.1	15.1	15.0	15.1	15.0	14.9	14.5	14.4	14.1	13.7	13.6	13.6	14.5
Other Machinery, except electrical	94.4	94.8	94.6	93.4	92.3	91.5	88.5	87.4	86.4	85.5	85.4	85.1	89.9
* Office Computing, & Accounting Machines	69.2	69.6	69.3	68.2	67.2	66.3	64.0	62.8	62.1	61.3	61.1	60.9	65.2
Electrical & Electronic machinery,equip.,etc.	113.1	113.0	111.9	113.0	112.7	113.1	110.2	110.8	111.1	109.3	109.1	109.0	111.3
Communications equipment	42.3	42.4	42.6	43.3	43.5	44.0	44.4	44.6	44.7	44.0	44.1	44.2	43.7
Electronic components	45.2	45.2	44.0	44.7	44.2	44.0	42.0	42.2	41.9	41.3	41.0	40.8	43.0
Other Electric and Electronic equipment	25.6	25.4	25.3	25.0	25.0	25.1	23.8	24.0	24.5	24.0	24.0	24.0	24.6
Transportation equipment	42.3	42.5	42.5	42.2	41.9	41.5	41.5	41.2	41.3	41.0	40.6	40.2	41.6
Instruments	59.1	58.9	58.8	58.8	58.7	58.9	57.4	56.9	56.6	56.9	57.1	57.0	58.0
Measuring & Control devices	24.1	23.9	23.7	23.5	23.4	23.4	22.6	22.4	22.1	22.2	22.2	21.9	23.0
Other Instruments and related products	35.0	35.0	35.1	35.3	35.3	35.5	34.8	34.5	34.5	34.7	34.9	35.1	35.0
Miscellaneous Manufacturing Industries	20.5	20.4	20.7	20.2	20.2	20.1	19.4	20.1	20.3	20.3	20.3	19.6	20.2
Jewelry	8.5	8.5	8.5	8.1	8.1	8.1	8.1	8.1	8.2	8.0	8.1	7.9	8.2
Other Miscellaneous manufacturing industrie	12.0	11.9	12.2	12.1	12.1	12.0	11.3	12.0	12.1	12.3	12.2	11.7	11.9
Nondurable Goods	216.9	216.3	215.8	215.4	215.5	216.5	205.4	213.6	212.8	212.3	212.0	211.2	213.6
Food & kindred products	22.8	22.7	22.5	22.8	22.9	23.3	22.6	23.4	23.4	23.8	23.6	23.5	23.1
Textile mill products	19.6	19.5	19.5	19.2	19.2	19.2	17.0	18.7	18.6	18.6	18.5	18.5	18.8
Apparel	33.0	33.6	33.2	32.7	32.8	32.3	28.4	32.0	31.7	30.9	30.3	29.9	31.7
Mens & Boys suits,coats & furnishings	8.2	8.2	8.3	8.2	8.3	7.5	7.0	7.7	7.6	7.6	7.6	7.4	7.8
Other Apparel and textile products	24.8	25.4	24.9	24.5	24.5	24.8	21.4	24.3	24.1	23.3	22.7	22.5	23.9
Paper & allied products	26.5	26.1	25.9	25.8	25.7	25.8	24.8	25.4	25.6	25.7	25.7	25.6	25.9
Printing & Publishing	53.1	52.9	53.1	53.1	53.2	54.0	52.8	53.2	53.2	53.5	54.0	54.2	53.3
Chemicals	17.5	17.5	17.7	17.9	17.8	18.0	17.8	17.8	17.5	17.1	17.2	17.1	17.6
Rubber & miscellaneous Plastic products	30.1	29.8	29.6	29.8	29.6	29.7	28.2	28.9	28.7	28.8	28.9	29.1	29.3
Miscellaneous Plastic products	22.4	22.2	22.0	22.2	22.0	22.0	21.0	21.6	21.7	21.9	22.0	21.9	21.9
Other Rubber and Plastic products	7.7	7.6	7.6	7.6	7.6	7.7	7.2	7.3	7.0	6.9	6.9	7.2	7.4
Leather & leather products	13.1	13.0	13.0	12.6	12.7	12.6	12.2	12.6	12.5	12.4	12.3	11.9	12.6
Footwear, except rubber	7.0	6.9	6.9	6.6	6.7	6.5	6.3	6.6	6.5	6.4	6.3	6.2	6.6
Other leather and leather products	6.1	6.1	6.1	6.0	6.0	6.1	5.9	6.0	6.0	6.0	6.0	5.7	5.9
Other nondurable goods	1.2	1.2	1.3	1.5	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.4	1.5
Mining	1.2	1.2	1.3	1.4	1.5	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.5

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5/1/89

MASSACHUSETTS
NONAGRICULTURAL WAGE & SALARY EMPLOYMENT
FOR CALENDAR YEAR 1985

REVISED TO 1ST QTR 1987 BENCHMARK

INDUSTRY	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	AVG.
Construction	93.6	90.0	95.7	104.5	110.4	115.8	117.0	119.4	110.0	117.7	116.5	113.2	109.4
Transportation, Communication & Public Utilities	122.6	123.1	123.7	124.5	126.0	120.4	124.1	124.1	127.5	126.2	126.7	127.4	125.4
Wholesale & Retail trade	654.7	650.5	656.0	671.1	682.0	697.0	691.0	692.6	694.4	695.6	705.0	718.5	684.1
Wholesale Trade	151.0	150.9	151.0	153.0	153.9	155.9	155.6	156.3	156.3	156.5	157.6	158.5	154.7
Retail Trade	503.7	499.6	505.0	518.1	528.9	541.1	535.4	536.3	538.1	539.1	547.4	560.0	529.4
Finance, Insurance & Real Estate	180.6	181.0	182.2	183.5	185.7	190.3	193.1	193.7	191.4	190.7	191.8	193.0	188.1
Banking	55.1	55.1	55.4	55.9	56.2	57.8	57.9	57.5	56.6	57.1	57.8	58.0	56.7
Other Finance, Insurance and Real Estate	125.5	125.9	126.8	127.6	129.5	132.5	135.2	136.2	134.8	133.6	134.0	135.0	131.4
Services	751.4	767.7	778.7	785.8	791.0	789.1	784.4	786.2	789.0	803.3	805.0	806.6	786.5
Health Services	234.4	234.4	236.1	235.9	236.3	238.3	236.7	236.8	237.2	237.6	237.9	238.8	236.7
Educational Services	100.6	115.2	118.6	117.6	115.0	99.9	93.9	93.9	104.1	119.1	120.6	120.7	109.9
Other Services	416.4	418.1	424.0	432.3	439.7	450.9	453.8	455.5	447.7	446.6	446.5	447.1	439.9
Government	376.0	379.3	383.0	384.7	385.9	389.6	374.0	369.0	374.9	382.7	387.0	389.4	381.3
Federal	57.4	58.1	58.5	60.0	58.4	59.3	59.8	59.3	58.7	58.1	58.6	59.0	58.8
U.S. Postal Service	22.0	22.2	22.3	23.8	22.8	23.4	23.6	23.5	23.2	23.0	23.2	23.6	23.1
Other Federal	35.4	35.9	36.2	36.2	35.6	35.9	36.2	35.8	35.5	35.1	35.4	35.4	35.7
State	92.9	95.3	95.3	95.9	96.2	95.4	95.8	95.7	95.8	96.2	96.4	96.4	95.6
Educational services	25.8	28.3	28.1	28.5	28.0	26.0	25.5	25.3	26.9	27.6	27.7	27.7	27.1
Other State	67.1	67.0	67.2	67.4	68.2	69.4	70.3	70.4	68.9	68.6	68.7	68.7	68.5
Local	225.7	225.9	229.2	228.8	231.3	234.9	218.4	214.0	220.4	228.4	232.0	234.0	226.9
Educational services	128.2	128.4	131.2	130.6	131.8	131.3	111.5	107.4	120.3	128.5	132.0	132.0	126.1
Other Local	97.5	97.5	98.0	98.2	99.5	103.6	106.9	106.6	100.1	99.9	100.0	102.0	100.8
* High Technology Manufacturing	264.9	265.1	263.8	263.5	262.4	262.3	256.0	254.8	254.2	251.9	251.8	251.2	258.5
* High Technology Nonmanufacturing	73.7	74.0	74.1	74.6	75.1	76.5	76.6	77.5	77.0	76.9	77.0	77.5	75.9

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5/1/89

MASSACHUSETTS
NONAGRICULTURAL WAGE & SALARY EMPLOYMENT
FOR CALENDAR YEAR 1984

REVISED TO 1ST QTR 1987 BENCHMARK

INDUSTRY	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	AVG.
NONAGRICULTURAL EMPLOYMENT	2,732.4	2,755.2	2,781.0	2,819.1	2,852.5	2,893.4	2,858.3	2,876.8	2,891.4	2,902.8	2,921.0	2,938.1	2,851.8
Manufacturing	653.9	657.1	661.2	663.7	668.1	676.7	660.2	673.1	674.5	673.5	675.2	674.5	667.6
Durable Goods	430.1	432.7	435.9	439.2	441.9	448.2	443.2	448.0	449.6	449.6	451.4	452.2	443.5
Lumber & Furniture	12.3	12.5	12.7	12.9	13.1	13.2	12.9	13.3	13.5	13.5	13.4	13.5	13.1
Stone,Clay & Glass	11.4	11.4	11.5	11.8	12.0	12.2	11.8	11.9	11.9	11.9	11.9	11.8	11.8
Primary Metals	16.0	16.1	16.2	16.5	16.6	16.6	16.0	16.7	16.8	16.8	16.6	16.7	16.5
Fabricated Metals	47.8	48.0	48.4	48.2	48.5	49.1	47.4	48.7	48.4	48.4	48.4	48.3	48.3
Cutlery,Hand tools,Hardware	9.8	9.9	10.0	9.9	10.0	10.2	10.1	10.1	10.2	10.3	10.3	10.2	10.1
Other Fabricated metal products	38.0	38.1	38.4	38.3	38.5	38.9	37.3	38.6	38.2	38.1	38.1	38.1	38.2
Machinery, except electrical	118.1	118.5	119.4	121.6	122.0	123.8	124.4	125.4	125.2	124.8	125.6	126.6	123.0
Metalworking machinery	14.4	14.3	14.4	14.5	14.5	14.6	14.4	14.5	14.5	14.5	14.9	15.0	14.5
Special industry machinery	13.9	14.1	14.1	14.0	14.2	14.6	14.9	15.3	15.2	15.1	15.2	15.4	14.7
Other Machinery, except electrical	89.8	90.1	90.9	93.1	93.3	94.6	95.1	95.6	95.5	95.2	95.5	96.2	93.7
* Office Computing, & Accounting Machines	66.1	66.4	67.0	68.4	69.1	69.9	70.6	71.0	70.9	70.7	70.7	71.2	69.3
Electrical & Electronic machinery,equip.,etc.	105.1	106.7	107.3	108.2	109.1	111.1	110.0	110.3	111.4	111.7	112.5	112.7	109.7
Communications equipment	37.1	37.6	37.9	38.3	38.6	39.4	40.0	40.2	40.3	41.0	41.4	41.8	39.5
Electronic components	43.0	43.7	43.8	43.9	44.5	45.6	44.6	45.0	44.9	44.9	45.3	45.3	44.5
Other Electric and Electronic equipment	25.0	25.4	25.6	26.0	26.0	26.1	25.4	25.1	26.2	25.8	25.8	25.6	25.7
Transportation equipment	39.1	39.0	39.4	39.3	39.7	40.4	40.2	40.3	41.0	41.4	41.8	41.9	40.3
Instruments	58.4	58.6	58.9	58.6	58.8	59.5	59.9	60.0	59.7	59.0	59.2	59.1	59.1
Measuring & Control devices	22.1	22.3	22.5	22.5	22.7	23.4	23.9	24.2	24.2	23.9	24.2	24.3	23.4
Other Instruments and related products	36.3	36.3	36.4	36.1	36.1	36.1	36.0	35.8	35.5	35.1	35.0	34.8	35.8
Miscellaneous Manufacturing Industries	21.9	21.9	22.1	22.1	22.1	22.3	20.6	21.4	21.9	22.1	22.0	21.6	21.8
Jewelry	9.2	9.1	9.2	9.0	9.0	9.0	8.4	8.6	8.7	9.0	9.1	9.0	8.9
Other Miscellaneous manufacturing industrie	12.7	12.8	12.9	13.1	13.1	13.3	12.2	12.8	13.2	13.1	12.9	12.6	12.9
Nondurable Goods	223.8	224.4	225.3	224.5	226.2	228.5	217.0	225.1	224.7	223.9	223.8	222.3	224.1
Food & kindred products	24.2	24.0	23.7	23.8	24.2	24.8	23.1	24.0	24.0	24.3	24.3	24.1	24.0
Textile mill products	21.3	21.2	21.2	20.7	20.8	20.9	18.2	19.8	19.7	19.5	19.5	19.3	20.2
Apparel	36.1	36.7	37.1	36.3	37.1	37.2	33.7	36.5	36.3	35.4	35.0	34.6	36.0
Mens & Boys suits,coats & furnishings	8.6	8.7	8.9	8.8	8.9	8.9	8.6	8.8	8.8	8.7	8.7	8.6	8.8
Other Apparel and textile products	27.5	28.0	28.2	27.5	28.2	28.3	25.1	27.7	27.5	26.7	26.3	26.0	27.3
Paper & allied products	26.4	26.5	26.6	27.1	27.0	27.4	25.4	27.1	27.4	27.3	27.4	27.3	26.9
Printing & Publishing	50.2	50.6	50.9	50.8	51.2	51.7	51.4	52.0	52.0	52.9	53.2	53.3	51.7
Chemicals	17.1	17.0	17.1	17.8	17.7	17.9	18.8	18.5	18.3	17.7	17.7	17.7	17.8
Rubber & miscellaneous Plastic products	31.1	31.0	31.2	31.1	31.2	31.6	30.7	30.8	30.7	30.8	30.8	30.6	31.0
Miscellaneous Plastic products	22.8	22.6	22.8	22.7	22.7	23.1	22.7	22.7	22.6	22.7	22.8	22.6	22.7
Other Rubber and Plastic products	8.3	8.4	8.4	8.4	8.5	8.5	8.0	8.1	8.1	8.1	8.0	8.0	8.2
Leather & Leather products	16.2	16.2	16.2	15.5	15.4	15.4	14.1	14.8	14.6	14.4	14.2	13.8	15.1
Footwear, except rubber	8.5	8.6	8.5	8.1	8.0	8.0	7.2	7.7	7.5	7.3	7.2	7.0	7.8
Other Leather and leather products	7.7	7.6	7.7	7.4	7.4	7.4	6.9	7.1	7.1	7.1	7.0	6.8	7.3
Other nondurable goods	1.2	1.2	1.3	1.4	1.6	1.6	1.6	1.6	1.7	1.6	1.7	1.6	1.5
Mining	1.0	1.0	1.0	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2

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5/1/89

MASSACHUSETTS
NONAGRICULTURAL WAGE & SALARY EMPLOYMENT
FOR CALENDAR YEAR 1984

REVISED TO 1ST QTR 1987 BENCHMARK

INDUSTRY	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	AVG.
Construction	78.9	77.9	80.3	88.1	95.6	102.7	106.3	108.9	106.8	104.8	104.3	101.6	96.4
Transportation, Communication & Public Utilities	119.3	119.4	121.0	121.5	123.0	126.0	122.6	123.1	125.9	125.9	125.7	126.3	123.3
Wholesale & Retail trade	628.1	624.2	630.5	644.4	654.3	671.8	667.2	669.0	672.2	671.1	681.1	694.8	658.3
Wholesale Trade	148.2	148.5	150.0	150.0	150.7	152.9	152.6	153.2	153.0	153.3	154.3	155.0	151.9
Retail Trade	479.9	475.7	480.5	494.4	503.6	518.9	514.6	515.8	519.2	517.8	526.8	539.8	507.3
Finance, Insurance & Real Estate	173.4	173.3	174.5	175.7	177.5	181.2	183.3	183.9	182.0	179.9	180.8	182.0	179.0
Banking	53.3	53.6	53.9	53.9	54.3	55.4	55.6	55.2	54.5	54.9	55.4	55.6	54.6
Other Finance, Insurance and Real Estate	120.1	119.7	120.6	121.8	123.2	125.8	127.7	128.7	127.5	125.0	125.4	126.4	124.3
Services	709.7	729.2	737.9	751.3	757.6	756.0	755.0	758.1	763.5	774.9	775.4	778.8	754.0
Health Services	229.7	229.5	230.1	231.0	231.7	233.8	232.5	233.7	234.8	234.0	235.9	237.1	232.8
Educational Services	102.3	118.7	121.2	122.6	118.9	101.8	96.2	96.5	108.1	122.2	122.0	123.5	112.8
Other Services	377.7	381.0	386.6	397.7	407.0	420.4	426.3	427.9	420.6	418.7	417.5	418.2	408.3
Government	368.1	373.1	374.6	373.2	375.1	377.7	362.4	359.4	365.2	371.4	377.2	378.8	371.4
Federal	56.2	56.4	56.4	56.9	56.9	57.4	57.5	57.6	56.7	57.1	56.7	57.2	56.9
U.S. Postal Service	21.4	21.4	21.6	21.6	21.7	21.9	22.0	22.1	21.9	21.9	22.0	22.4	21.8
Other Federal	34.8	35.0	34.8	35.3	35.2	35.5	35.5	35.5	34.8	35.2	34.7	34.8	35.1
State	90.9	93.1	93.4	93.1	92.6	92.1	93.2	93.0	94.8	93.2	93.3	93.5	93.0
Educational services	25.6	27.9	28.1	27.7	27.5	25.6	25.5	25.3	26.6	27.0	27.1	27.1	26.8
Other State	65.3	65.2	65.3	65.4	65.1	66.5	67.7	67.7	68.2	66.2	66.2	66.4	66.3
Local	221.0	223.6	224.8	223.2	225.6	228.2	211.7	208.8	213.7	221.1	227.2	228.1	221.4
Educational services	123.9	126.3	125.8	125.5	126.4	124.9	106.2	104.8	114.1	122.9	127.2	127.8	121.3
Other Local	97.1	97.3	99.0	97.7	99.2	103.3	105.5	104.0	99.6	98.2	100.0	100.3	100.1
* High Technology Manufacturing	252.2	254.5	255.8	257.8	259.7	263.6	263.8	264.7	265.3	265.0	266.0	266.7	261.3
* High Technology Nonmanufacturing	65.9	66.6	67.6	69.3	69.6	71.0	71.7	72.1	71.7	71.6	72.3	73.0	70.2

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MASSACHUSETTS
NONAGRICULTURAL WAGE & SALARY EMPLOYMENT
FOR CALENDAR YEAR 1988

REVISED TO 1ST QTR 1987 BENCHMARK

INDUSTRY	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	AVG.
NONAGRICULTURAL EMPLOYMENT	2,576.1	2,588.7	2,621.4	2,650.3	2,688.9	2,722.3	2,692.5	2,689.3	2,743.7	2,756.2	2,774.4	2,797.7	2,692.5
Manufacturing	609.4	609.7	614.7	618.6	622.3	631.5	616.9	628.7	642.3	646.9	651.1	655.5	629.0
Durable Goods	396.6	396.5	400.5	401.6	403.9	409.2	406.0	405.8	417.0	420.6	424.4	428.8	409.2
Lumber & Furniture	11.3	11.4	11.6	11.9	12.0	12.1	11.3	12.1	12.3	12.3	12.5	12.5	11.9
Stone,Clay & Glass	10.8	10.5	10.7	11.0	11.2	11.5	11.5	11.6	11.6	11.7	11.5	11.7	11.3
Primary Metals	14.4	14.6	14.7	14.9	15.0	15.2	14.5	15.0	15.2	15.2	15.4	15.5	15.0
Fabricated Metals	45.3	45.3	45.8	44.7	45.7	45.9	45.7	45.1	47.2	47.0	47.3	47.9	46.1
Cutlery,Hand tools,Hardware	9.2	9.2	9.3	9.1	9.2	9.4	9.2	9.4	9.6	9.6	9.6	9.8	9.4
Other Fabricated metal products	36.1	36.1	36.5	35.6	36.5	36.5	36.5	35.7	37.6	37.4	37.7	38.1	36.7
Machinery, except electrical	109.4	109.2	109.2	109.7	110.0	111.3	111.5	112.7	113.1	114.6	115.4	116.8	111.9
Metalworking machinery	14.1	13.8	13.9	14.0	13.7	13.8	13.6	13.7	14.0	13.7	13.8	13.9	13.8
Special industry machinery	13.5	13.3	13.2	13.1	13.0	13.1	12.8	13.0	13.0	13.3	13.5	13.6	13.2
Other Machinery, except electrical	82.0	82.1	82.1	82.6	83.3	84.4	85.1	86.0	86.1	87.6	88.1	89.3	84.9
* Office Computing, & Accounting Machines	59.1	59.3	59.4	60.0	60.6	61.6	62.4	63.2	63.2	64.4	64.8	65.6	62.0
Electrical & Electronic machinery,equip.,etc.	94.8	94.9	95.6	95.8	96.0	97.7	97.0	93.5	100.8	101.6	103.3	104.1	97.9
Communications equipment	32.6	32.6	32.7	32.6	33.0	33.7	33.6	28.9	35.2	35.8	36.3	36.7	33.6
Electronic components	37.6	37.7	38.1	38.1	38.1	39.0	39.4	39.7	40.4	40.7	41.8	42.4	39.4
Other Electric and Electronic equipment	24.6	24.6	24.8	25.1	24.9	25.0	24.0	24.9	25.2	25.1	25.2	25.0	24.9
Transportation equipment	31.7	32.1	34.0	34.1	34.3	35.0	35.3	35.4	35.9	36.7	37.1	38.6	35.0
Instruments	57.3	57.2	57.3	57.5	57.4	57.8	57.1	57.5	57.6	58.2	58.5	58.9	57.7
Measuring & Control devices	22.0	21.9	21.9	22.0	21.9	22.1	21.5	21.6	21.7	21.8	22.0	22.3	21.9
Other Instruments and related products	35.3	35.3	35.4	35.5	35.5	35.7	35.6	35.9	35.9	36.4	36.5	36.6	35.8
Miscellaneous Manufacturing Industries	21.4	21.3	21.6	22.0	22.3	22.7	22.1	22.9	23.3	23.3	23.4	22.8	22.4
Jewelry	9.2	8.9	9.0	9.1	9.2	9.2	9.1	9.3	9.5	9.4	9.7	9.5	9.3
Other Miscellaneous manufacturing industrie	12.2	12.4	12.6	12.9	13.1	13.5	13.0	13.6	13.8	13.9	13.7	13.3	13.2
Nondurable Goods	212.8	213.2	214.2	217.0	218.4	222.3	210.9	222.9	225.3	226.3	226.7	226.7	219.7
Food & kindred products	23.5	23.1	22.7	23.2	23.7	24.2	24.1	24.5	24.9	25.2	25.0	25.0	24.1
Textile mill products	19.2	19.2	19.7	20.2	20.3	20.8	18.6	20.7	20.9	21.1	21.0	21.2	20.2
Apparel	34.8	35.3	35.6	35.9	35.9	36.7	33.0	36.9	37.0	36.5	36.6	36.5	35.9
Mens & Boys suits,coats & furnishings	8.4	8.4	8.4	8.3	8.3	8.4	7.8	8.2	8.3	8.4	8.5	8.5	8.3
Other Apparel and textile products	26.4	26.9	27.2	27.6	27.6	28.3	25.2	28.7	28.7	28.1	28.1	28.0	27.6
Paper & allied products	25.7	25.4	25.7	25.6	25.7	26.2	23.9	26.3	26.6	26.8	27.0	27.1	26.0
Printing & Publishing	46.6	47.1	47.1	47.4	47.5	48.1	47.6	48.1	48.7	48.8	49.4	50.1	48.1
Chemicals	16.3	16.4	16.4	16.7	16.8	17.0	17.2	17.0	17.1	17.0	17.0	17.0	16.8
Rubber & miscellaneous Plastic products	29.4	29.4	29.5	30.1	30.3	30.7	29.5	30.9	31.4	31.7	31.6	31.5	30.5
Miscellaneous Plastic products	22.1	22.2	22.2	22.8	22.8	23.2	22.0	23.1	23.5	23.7	23.5	23.3	22.9
Other Rubber and Plastic products	7.3	7.2	7.3	7.3	7.5	7.5	7.5	7.8	7.9	8.0	8.1	8.2	7.6
Leather & Leather products	16.1	16.1	16.2	16.5	16.7	17.0	15.4	17.0	17.2	17.6	17.4	16.8	16.7
Footwear, except rubber	8.9	8.8	8.8	8.8	8.8	8.9	8.0	9.0	9.0	9.4	9.4	9.3	9.0
Other Leather and leather products	7.2	7.3	7.4	7.7	7.9	8.1	7.4	8.0	8.2	8.2	8.0	7.5	7.7
Other nondurable goods	1.2	1.2	1.3	1.4	1.5	1.6	1.6	1.5	1.5	1.6	1.7	1.5	1.5
Mining	0.9	0.9	0.9	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0

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MASSACHUSETTS
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FOR CALENDAR YEAR 1983

REVISED TO 1ST QTR 1987 BENCHMARK

INDUSTRY	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	AVG.
Construction	68.3	65.2	67.7	75.8	81.1	87.1	90.1	92.1	91.8	91.5	91.2	88.8	82.6
Transportation, Communication & Public Utilities	117.6	118.2	118.9	119.2	119.7	122.5	118.7	98.6	121.9	121.2	120.5	121.4	118.2
Wholesale & Retail trade	573.9	567.4	576.9	593.8	607.0	623.1	624.8	628.5	634.9	628.0	639.8	654.6	612.7
Wholesale Trade	134.0	134.4	135.3	137.7	139.0	141.7	142.3	143.5	144.4	144.8	145.6	147.0	140.8
Retail Trade	439.9	433.0	441.6	456.1	468.0	481.4	482.5	485.0	490.5	483.2	494.2	507.6	471.9
Finance, Insurance & Real Estate	165.7	165.5	167.4	169.1	170.5	174.6	176.6	177.2	175.3	172.8	173.0	173.8	171.8
Banking	52.3	52.2	52.9	52.7	52.7	54.0	54.0	53.9	53.3	53.1	53.1	53.2	53.1
Other Finance, Insurance and Real Estate	113.4	113.3	114.5	116.4	117.8	120.6	122.6	123.3	122.0	119.7	119.9	120.6	118.7
Services	670.1	687.0	698.7	704.0	709.2	703.6	703.5	705.4	714.2	723.5	724.0	726.6	705.8
Health Services	223.7	222.9	224.1	225.2	225.8	227.8	226.5	227.0	228.2	226.4	227.6	229.0	226.2
Educational Services	98.9	115.2	120.0	119.2	118.1	98.8	94.6	94.3	105.5	119.9	121.9	121.1	110.6
Other Services	347.5	348.9	354.6	359.6	365.3	377.0	382.4	384.1	380.5	377.2	374.5	376.5	369.0
Government	370.2	374.8	376.2	376.8	378.0	378.8	360.8	357.7	362.2	371.2	373.7	375.9	371.4
Federal	55.2	55.5	55.5	55.7	55.8	55.9	56.3	56.3	55.5	55.4	55.5	55.9	55.7
U.S. Postal Service	20.9	21.0	20.9	20.9	20.9	20.9	21.2	21.3	21.1	21.1	21.2	21.5	21.1
Other Federal	34.3	34.5	34.6	34.8	34.9	35.0	35.1	35.0	34.4	34.3	34.3	34.4	34.6
State	95.0	96.7	97.6	97.3	97.1	94.9	95.4	94.5	95.9	95.0	94.9	94.6	95.8
Educational services	30.2	32.2	32.8	32.2	31.5	28.7	28.6	27.8	29.4	29.8	29.8	29.7	30.2
Other State	64.8	64.5	64.8	65.1	65.6	66.2	66.8	66.7	66.5	65.2	65.1	64.9	65.6
Local	220.0	222.6	223.1	223.8	225.1	228.0	209.1	206.9	210.8	220.8	223.3	225.4	219.9
Educational services	123.8	126.3	126.7	125.8	126.4	124.8	104.7	103.0	111.2	123.2	125.6	125.8	120.6
Other Local	96.2	96.3	96.4	98.0	98.7	103.2	104.4	103.9	99.6	97.6	97.7	99.6	99.3
* High Technology Manufacturing	233.3	233.8	235.0	235.4	237.7	239.8	238.6	235.8	244.4	247.3	249.7	251.7	240.2

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MASSACHUSETTS
NONAGRICULTURAL WAGE & SALARY EMPLOYMENT
FOR CALENDAR YEAR 1982

REVISED TO 1ST QTR 1987 BENCHMARK

INDUSTRY	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	AVG.
NONAGRICULTURAL EMPLOYMENT	2,582.8	2,595.2	2,616.3	2,634.6	2,662.7	2,668.7	2,626.3	2,632.0	2,662.4	2,650.2	2,660.1	2,665.1	2,638.0
Manufacturing	653.7	650.2	651.1	642.1	643.2	643.7	626.4	632.6	634.4	623.9	620.9	615.9	636.5
Durable Goods	426.8	424.4	426.5	419.5	420.3	418.2	412.5	410.1	412.1	402.6	401.0	398.5	414.4
Lumber & Furniture	12.0	11.6	11.8	11.8	11.8	11.9	11.0	11.6	11.6	11.5	11.6	11.6	11.7
Stone,Clay & Glass	11.9	11.7	11.7	12.0	12.1	12.2	12.2	11.9	11.8	11.5	11.3	11.2	11.8
Primary Metals	16.7	16.6	16.5	16.1	16.0	15.9	14.9	14.8	14.8	14.3	14.2	14.1	15.4
Fabricated Metals	50.0	49.7	49.4	48.7	48.2	48.3	46.4	46.4	46.7	46.7	46.5	46.0	47.8
Cutlery,Hand tools,Hardware	11.1	11.1	11.0	10.7	10.5	10.3	9.6	9.8	9.7	9.7	9.5	9.2	10.2
Other Fabricated metal products	38.9	38.6	38.4	38.0	37.7	38.0	36.8	36.6	37.0	37.0	37.0	36.8	37.6
Machinery, except electrical	117.0	116.1	115.6	114.8	114.4	114.4	114.0	113.4	112.9	110.1	110.7	110.6	113.7
Metalworking machinery	16.8	16.6	16.4	15.6	15.6	15.6	15.1	15.1	14.9	13.3	14.3	14.2	15.3
Special industry machinery	15.4	15.2	15.1	15.1	14.9	14.7	14.8	14.5	14.4	14.1	14.0	13.8	14.7
Other Machinery, execpt electrical	84.8	84.3	84.1	84.1	83.9	84.1	84.1	83.8	83.6	82.7	82.4	82.6	83.7
* Office Computing, & Accounting Machines	57.9	57.7	57.4	58.1	58.2	58.6	59.2	59.1	59.3	59.0	59.1	59.2	58.6
Electrical & Electronic machinery,equip.,etc.	100.3	100.2	100.5	99.4	98.7	98.8	97.2	97.4	97.3	95.7	95.3	95.0	98.0
Communications equipment	35.0	35.1	35.2	34.2	33.4	33.3	32.9	32.7	32.8	32.3	32.2	32.1	33.4
Electronic components	39.3	39.1	39.4	39.4	39.2	39.6	39.2	39.5	39.2	38.5	38.4	38.3	39.1
Other Electric and Electronic equipment	26.0	26.0	25.9	25.8	26.1	25.9	25.1	25.2	25.3	24.9	24.7	24.6	25.5
Transportation equipment	33.4	33.1	36.2	32.6	35.7	32.9	35.3	32.6	35.1	31.8	31.2	31.1	33.4
Instruments	61.4	61.4	60.9	60.4	59.9	60.1	58.8	58.6	58.2	57.3	57.3	57.2	59.3
Measuring & Control devices	23.0	22.9	22.9	23.1	23.0	23.4	22.7	22.5	22.4	22.2	22.2	22.1	22.7
Other Instruments and related products	38.4	38.5	38.0	37.3	36.9	36.7	36.1	36.1	35.8	35.1	35.1	35.1	36.6
Miscellaneous Manufacturing Industries	24.1	24.0	23.9	23.7	23.5	23.7	22.7	23.4	23.7	23.7	22.9	21.7	23.4
Jewelry	9.1	9.0	8.8	8.9	8.9	9.0	8.7	9.1	9.3	9.5	9.5	9.5	9.1
Other Miscellaneous manufacturing industrie	15.0	15.0	15.1	14.8	14.6	14.7	14.0	14.3	14.4	14.2	13.4	12.2	14.3
Nondurable Goods	226.9	225.8	224.6	222.6	222.9	225.5	213.9	222.5	222.3	221.3	219.9	217.4	222.1
Food & kindred products	24.7	24.1	24.0	23.1	23.6	24.3	23.7	24.4	24.8	25.8	25.7	25.3	24.5
Textile mill products	22.1	21.6	21.8	20.5	20.6	20.4	18.8	19.2	19.4	19.4	19.5	19.2	20.2
Apparel	38.1	38.5	38.3	38.2	38.3	38.6	34.7	38.4	38.0	37.0	36.3	35.2	37.5
Mens & Boys suits,coats & furnishings	9.0	9.0	9.0	9.0	9.0	8.9	8.4	9.0	8.9	8.6	8.6	8.5	8.8
Other Apparel and textile products	29.1	29.5	29.3	29.2	29.3	29.7	26.3	29.4	29.1	28.4	27.7	26.7	28.6
Paper & allied products	27.2	27.0	26.0	26.4	26.3	26.5	25.2	26.2	26.3	25.9	26.1	26.0	26.3
Printing & Publishing	46.2	46.5	46.5	46.7	46.4	47.0	46.5	46.5	47.0	46.8	46.9	47.5	46.7
Chemicals	17.8	17.7	17.7	17.4	17.1	17.2	17.2	17.3	16.7	16.8	16.5	16.4	17.2
Rubber & miscellaneous Plastic products	30.0	29.8	29.8	29.6	29.8	30.3	29.4	29.9	30.0	30.1	29.8	29.6	29.8
Miscellaneous Plastic products	22.0	21.9	21.9	22.0	22.2	22.8	22.0	22.6	22.5	22.8	22.5	22.5	22.3
Other Rubber and Plastic products	8.0	7.9	7.9	7.6	7.6	7.5	7.4	7.3	7.5	7.3	7.3	7.1	7.5
Leather & Leather products	19.3	19.2	19.1	19.0	18.9	19.3	16.5	18.7	18.2	17.6	17.2	16.6	18.3
Footwear, except rubber	11.3	11.1	11.0	11.0	10.8	11.0	9.5	10.7	10.2	9.8	9.4	9.2	10.4
Other Leather and leather products	8.0	8.1	8.1	8.0	8.1	8.3	7.0	8.0	8.0	7.8	7.8	7.4	7.9
Other nondurable goods	1.5	1.4	1.4	1.7	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.6	1.7
Mining	0.9	0.9	0.9	1.1	1.1	1.2	1.2	1.2	1.2	1.1	1.1	1.0	1.1

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INDUSTRY	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	AVG.
Construction	70.3	67.2	69.2	73.3	79.0	82.4	84.4	85.5	84.7	83.2	82.3	79.2	78.4
Transportation, Communication & Public Utilities	117.7	118.0	118.1	119.5	120.5	122.5	118.7	118.8	122.6	121.7	121.3	121.3	120.0
Wholesale & Retail trade	560.4	554.7	557.4	568.6	580.5	588.7	581.7	582.2	590.6	585.2	593.8	606.6	579.2
Wholesale Trade	131.3	131.5	131.7	132.0	132.7	134.0	133.9	134.4	134.7	133.9	134.5	135.0	133.3
Retail Trade	429.1	423.2	425.7	436.6	447.8	454.7	447.8	447.8	455.9	451.3	459.3	471.6	445.9
Finance, Insurance & Real Estate	164.5	164.1	165.2	166.7	168.3	171.7	173.1	173.7	171.8	168.3	168.5	168.5	168.7
Banking	51.6	51.4	51.5	51.8	51.9	53.0	53.0	52.4	52.4	52.0	52.3	52.5	52.2
Other Finance, Insurance and Real Estate	112.9	112.7	113.7	114.9	116.4	118.7	120.1	121.3	119.4	116.3	116.2	116.0	116.6
Services	649.3	668.2	678.7	688.8	693.1	680.0	676.1	678.3	692.6	699.1	699.4	697.8	683.5
Health Services	218.5	218.5	219.2	220.2	220.3	222.7	222.3	222.7	223.9	223.7	224.4	224.3	221.7
Educational Services	96.4	113.7	119.0	117.1	115.1	90.5	82.8	85.5	102.0	117.3	119.7	119.4	106.5
Other Services	334.4	336.0	340.5	351.5	357.7	366.8	371.0	370.1	366.7	358.1	355.3	354.1	355.2
Government	366.0	371.9	375.7	374.5	377.0	378.5	364.7	359.7	364.5	367.7	372.8	374.8	370.7
Federal	55.8	56.4	56.2	55.4	55.4	55.7	56.0	55.8	54.8	54.8	55.2	55.4	55.6
U.S. Postal Service	20.5	20.5	20.4	20.5	20.5	20.7	20.8	20.8	20.8	20.8	21.2	21.1	20.7
Other Federal	35.3	35.9	35.8	34.9	34.9	35.0	35.2	35.0	34.0	34.0	34.0	34.3	34.9
State	88.0	92.3	94.0	94.4	94.7	92.8	93.2	92.5	94.4	95.5	95.8	96.3	93.7
Educational services	23.3	28.2	29.9	31.8	31.6	28.5	28.5	27.9	30.1	31.9	32.4	32.3	29.7
Other State	64.7	96.8	64.1	62.6	63.1	64.3	64.7	64.6	64.3	63.6	63.4	64.0	64.0
Local	222.2	223.2	225.5	224.7	226.9	230.0	215.5	211.4	215.3	217.4	221.8	223.1	221.4
Educational services	123.5	126.4	125.8	123.5	125.2	124.8	103.3	100.3	110.7	116.9	119.9	120.4	118.4
Other Local	98.7	96.8	99.7	101.2	101.7	105.2	112.2	111.1	104.6	100.5	101.9	102.7	103.0
* High Technology Manufacturing	242.1	241.8	241.3	240.6	239.2	240.0	237.6	237.5	236.9	234.2	233.7	233.6	238.2

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5/1/89

MASSACHUSETTS
NONAGRICULTURAL WAGE & SALARY EMPLOYMENT
FOR CALENDAR YEAR 1981

REVISED TO 1ST QTR 1987 BENCHMARK

INDUSTRY	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	AVG.
NONAGRICULTURAL EMPLOYMENT	2,604.3	2,616.1	2,639.2	2,677.8	2,696.4	2,714.4	2,660.7	2,681.2	2,677.6	2,684.9	2,680.5	2,686.4	2,660.3
Manufacturing	662.6	663.6	663.5	667.8	670.7	680.0	657.2	671.1	673.5	672.5	669.8	663.7	668.0
Durable Goods	432.5	431.9	432.4	435.7	435.5	440.9	432.4	435.8	435.9	437.5	436.9	434.4	435.2
Lumber & Furniture	13.1	13.0	13.1	13.4	13.4	13.6	12.3	12.8	13.0	12.8	12.7	12.7	13.0
Stone,Clay & Glass	12.4	12.2	12.3	12.9	12.9	13.1	13.1	13.2	13.1	13.0	13.1	12.6	12.8
Primary Metals	17.2	17.2	17.2	17.3	17.3	17.4	16.4	17.4	17.6	17.4	17.4	17.1	17.2
Fabricated Metals	51.5	51.5	51.7	51.7	51.4	52.1	51.1	51.3	51.9	51.5	51.2	50.7	51.5
Cutlery,Hand tools,Hardware	11.9	12.1	12.1	12.0	11.9	12.1	11.9	11.8	11.8	11.7	11.6	11.5	11.9
Other Fabricated metal products	39.6	39.4	39.6	39.7	39.5	40.0	39.2	39.5	40.1	39.8	39.6	39.2	39.6
Machinery, except electrical	118.5	118.4	118.1	119.1	119.2	119.3	119.1	118.9	118.6	118.2	118.0	117.5	118.6
Metalworking machinery	17.5	17.5	17.3	17.3	17.2	17.4	17.3	17.2	17.3	17.2	17.0	16.8	17.2
Special industry machinery	16.6	16.6	16.4	16.4	16.4	16.4	16.5	16.4	16.3	15.9	15.8	15.7	16.3
Other Machinery, except electrical	84.4	84.3	84.4	85.4	85.6	85.5	85.3	85.3	85.0	85.1	85.2	85.0	85.0
* Office Computing, & Accounting Machines	56.7	56.8	56.6	57.9	58.0	57.7	57.9	57.7	57.4	57.8	57.8	57.7	57.5
Electrical & Electronic machinery,equip.,etc.	97.5	97.5	97.8	98.8	98.5	100.3	98.6	100.0	99.8	100.3	100.5	100.6	99.2
Communications equipment	34.3	34.3	34.3	34.6	34.7	35.0	35.1	34.8	34.9	35.0	34.8	34.9	34.7
Electronic components	36.5	36.5	36.7	36.9	36.6	37.7	37.8	37.7	37.5	38.8	39.0	39.3	37.6
Other Electric and Electronic equipment	26.7	26.7	26.8	27.3	27.2	27.6	25.7	27.5	27.4	26.5	26.7	26.4	26.9
Transportation equipment	36.6	36.4	36.2	36.1	35.9	36.2	33.2	33.3	33.3	36.1	36.3	36.3	35.5
Instruments	60.9	61.2	61.3	61.3	61.4	62.6	62.9	62.6	61.9	61.4	61.4	61.9	61.7
Measuring & Control devices	22.8	22.8	22.9	22.7	22.9	23.6	23.9	23.6	23.4	23.0	23.0	23.4	23.2
Other Instruments and related products	38.1	38.4	38.4	38.6	38.5	39.0	39.0	39.0	38.5	38.4	38.4	38.5	38.5
Miscellaneous Manufacturing Industries	24.8	24.5	24.7	25.1	25.5	26.3	25.7	26.3	26.7	26.8	26.3	25.0	25.6
Nondurable Goods	230.1	231.7	231.1	232.1	235.2	239.1	224.8	235.3	237.6	235.0	232.9	229.3	232.9
Food & kindred products	25.4	24.9	24.4	24.4	25.1	26.1	25.3	25.6	26.2	26.1	26.0	25.5	25.4
Textile mill products	25.2	25.3	25.1	25.2	25.5	25.7	22.0	24.2	24.4	23.7	22.9	22.5	24.3
Apparel	38.8	39.7	39.8	40.0	40.7	41.1	36.6	40.5	40.8	39.6	38.9	38.5	39.6
Mens & Boys suits,coats & furnishings	8.5	8.8	8.9	8.9	8.9	8.9	8.3	8.9	8.9	8.8	8.8	8.7	8.8
Other Apparel and textile products	30.3	30.9	30.9	31.1	31.8	32.2	28.3	31.6	31.9	30.8	30.1	29.8	30.8
Paper & allied products	27.1	27.2	27.2	27.1	27.3	27.6	25.9	27.3	27.9	27.5	27.5	27.1	27.2
Printing & Publishing	44.5	44.9	44.9	45.5	45.8	46.6	45.5	45.5	46.1	46.6	46.5	46.9	45.8
Chemicals	18.1	18.3	18.4	18.4	18.4	18.8	18.5	18.7	18.5	18.2	18.2	18.0	18.4
Rubber & miscellaneous Plastic products	28.9	29.1	28.9	29.1	29.4	29.9	29.3	29.9	30.1	30.0	29.8	29.4	29.5
Miscellaneous Plastic products	21.2	21.4	21.1	21.2	21.4	21.8	21.5	21.9	22.1	22.2	22.1	21.7	21.6
Other Rubber and Plastic products	7.7	7.7	7.8	7.9	8.0	8.1	7.8	8.0	8.0	7.8	7.7	7.7	7.9
Leather & Leather products	20.5	20.7	20.7	20.5	21.0	21.3	19.8	21.6	21.7	21.4	21.2	20.1	20.9
Footwear, except rubber	11.7	11.8	11.7	11.6	12.1	12.3	11.2	12.5	12.4	12.0	11.9	11.4	11.9
Other Leather and leather products	8.8	8.9	9.0	8.9	8.9	9.0	8.6	9.1	9.3	9.4	9.3	8.7	9.0
Other nondurable goods	1.6	1.6	1.7	1.9	2.0	2.0	1.9	2.0	1.9	1.9	1.9	1.7	1.9
Construction	66.3	65.0	68.4	77.5	81.3	84.3	84.4	88.1	87.1	86.7	84.7	81.2	79.6
Transportation, Communication & Public Utilities	118.9	118.4	119.1	120.4	121.2	122.4	118.3	118.7	121.6	121.1	120.3	120.4	120.1
Wholesale & Retail trade	560.6	557.3	562.7	575.8	584.3	593.9	589.3	590.6	592.9	583.2	585.9	598.7	581.3

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MASSACHUSETTS
NONAGRICULTURAL WAGE & SALARY EMPLOYMENT
FOR CALENDAR YEAR 1981

REVISED TO 1ST QTR 1987 BENCHMARK

INDUSTRY	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	AVG.
Finance, Insurance & Real Estate	159.6	159.2	160.6	162.2	164.1	167.0	170.1	170.3	167.0	165.3	164.9	165.5	164.0
Banking	49.5	49.4	49.6	49.6	49.0	50.0	51.4	51.4	50.7	50.7	50.9	51.0	50.4
Other Finance, Insurance and Real Estate	110.1	109.0	111.0	112.6	114.3	117.0	110.7	110.9	117.1	114.6	114.0	114.5	114.4
Services	636.0	646.0	656.0	666.1	666.3	657.9	662.6	667.1	660.3	600.2	676.9	677.3	663.5
Health Services	209.7	210.5	211.4	212.0	212.6	215.3	216.1	216.1	216.5	216.5	216.8	217.6	214.2
Educational Services	107.4	109.9	119.1	119.1	112.4	93.5	93.3	95.1	100.1	117.0	120.7	120.5	109.1
Other Services	319.7	325.6	325.5	335.0	341.3	349.1	353.2	355.9	351.7	345.9	339.4	339.2	340.1
Government	399.5	406.6	400.9	400.0	400.5	400.1	370.0	375.3	366.4	375.9	378.0	379.6	391.1
Federal	57.2	57.0	57.7	57.0	57.9	57.9	50.6	50.3	57.1	56.1	56.1	56.3	57.4
U.S. Postal Service	20.7	20.6	20.6	20.6	20.6	20.7	20.9	20.9	20.7	20.6	20.6	20.7	20.7
State	95.3	99.6	101.2	99.7	100.2	90.3	97.7	97.0	95.0	95.5	94.5	94.0	97.3
Educational services	23.7	20.0	30.5	30.5	30.4	24.0	24.0	22.4	23.9	30.0	30.5	30.0	27.4
Local	247.0	249.2	250.0	250.5	250.4	251.9	222.5	220.0	214.3	224.3	227.4	229.3	236.4
Educational services	143.9	146.6	146.4	147.0	146.5	145.1	119.3	110.5	116.0	127.2	130.1	129.9	134.7
* High Technology Manufacturing	234.7	235.1	235.4	237.7	240.5	239.3	239.3	240.3	230.9	239.6	239.5	240.2	230.4

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M A S S A C H U S E T T S
NONAGRICULTURAL WAGE & SALARY EMPLOYMENT
FOR CALENDAR YEAR 1988

REVISED TO 1ST QTR 1987 BENCHMARK

I N D U S T R Y	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	AVG.
NONAGRICULTURAL EMPLOYMENT	2,592.7	2,612.4	2,633.2	2,659.4	2,671.3	2,674.7	2,627.0	2,649.9	2,659.6	2,673.6	2,685.2	2,688.0	2,652.2
Manufacturing	678.2	678.6	681.4	680.6	676.7	680.1	656.9	665.9	668.4	669.4	671.8	671.2	673.3
Durable Goods	437.1	437.2	438.8	439.8	436.6	438.5	429.7	431.2	434.0	434.2	435.5	435.6	435.7
Lumber & Furniture	13.6	13.7	13.6	13.5	13.4	13.4	12.6	13.1	13.2	13.2	13.2	13.3	13.3
Stone,Clay & Glass	13.2	13.1	13.1	13.3	13.3	13.4	13.1	13.1	12.8	12.8	12.9	13.0	13.1
Primary Metals	18.0	18.0	18.1	18.0	17.7	17.7	16.2	17.0	17.2	17.3	17.3	17.4	17.5
Fabricated Metals	55.4	55.1	55.7	55.1	53.7	53.1	50.9	52.0	52.1	52.7	52.7	52.4	53.4
Cutlery,Hand tools,Hardware	13.1	13.0	13.2	13.0	12.6	12.6	12.1	12.1	12.3	12.1	12.2	12.2	12.5
Other Fabricated metal products	42.3	42.1	42.5	42.1	41.1	40.5	38.8	39.9	39.8	40.6	40.5	40.2	40.9
Machinery, except electrical	116.0	116.3	116.8	117.9	117.7	119.1	117.7	118.4	117.6	118.2	118.8	119.3	117.8
Metalworking machinery	18.1	18.1	18.1	18.1	17.7	17.9	17.7	17.5	17.4	17.3	17.3	17.3	17.7
Special industry machinery	17.6	17.5	17.4	17.1	17.0	17.0	16.8	16.4	16.3	16.5	16.5	16.6	16.9
Other Machinery, execpt electrical	80.3	80.7	81.3	82.7	83.0	84.2	83.2	84.5	83.9	84.4	85.0	85.4	83.8
Electrical & Electronic machinery,equip.,etc.	97.3	98.2	98.8	98.9	99.2	99.6	98.3	98.6	98.4	97.0	97.0	96.6	98.2
Communications equipment	30.3	30.7	31.2	31.8	32.3	33.2	33.9	34.2	34.2	34.1	34.1	34.1	32.8
Electronic components	36.2	36.7	36.7	37.2	37.5	37.4	36.5	36.4	36.4	35.5	35.6	35.7	36.5
Other Electric and Electronic equipment	30.8	30.8	30.9	29.9	29.4	29.0	27.9	28.0	27.8	27.4	27.3	26.8	28.8
Transportation equipment	38.6	38.4	38.4	38.1	37.3	36.5	36.4	34.4	37.4	37.1	37.4	37.0	37.3
Instruments	57.9	57.5	57.3	57.9	57.7	58.9	59.5	58.4	58.6	58.9	59.7	60.6	58.5
Measuring & Control devices	19.0	18.9	19.0	19.4	19.5	20.4	20.7	20.6	20.6	21.0	21.7	22.4	20.2
Other Instruments and related products	38.9	38.6	38.3	38.5	38.2	38.5	38.8	37.8	38.0	37.9	38.0	38.2	38.3
Miscellaneous Manufacturing Industries	27.1	26.9	27.0	27.1	26.6	26.8	25.0	26.2	26.7	27.0	26.5	26.0	26.6
Jewelry	9.2	9.0	8.9	9.0	8.8	8.8	7.7	8.8	9.0	9.2	9.2	9.2	8.9
Other Miscellaneous manufacturing industrie	17.9	17.9	18.1	18.1	17.8	18.0	17.3	17.4	17.7	17.8	17.3	16.8	17.7
Nondurable Goods	241.1	241.4	242.6	240.8	240.1	241.6	227.2	234.7	234.4	235.2	236.3	235.6	237.6
Food & kindred products	27.2	27.2	27.1	26.5	26.8	27.6	27.6	28.0	27.7	27.7	27.8	27.1	27.4
Textile mill products	27.1	26.9	27.1	27.1	26.5	26.2	21.7	24.3	24.5	24.9	25.1	25.3	25.6
Apparel	39.4	39.6	40.1	40.1	40.3	40.6	37.9	40.0	40.0	40.0	39.9	39.9	39.8
Mens & Boys suits,coats & furnishings	8.9	8.9	8.9	9.0	9.1	9.2	8.8	9.3	9.2	9.2	9.0	9.0	9.0
Other Apparel and textile products	30.5	30.7	31.2	31.1	31.2	31.4	29.1	30.7	30.8	30.8	30.9	30.9	30.9
Paper & allied products	29.5	29.4	29.4	28.6	28.2	28.4	26.5	27.5	27.8	27.7	27.8	27.7	28.2
Printing & Publishing	44.7	44.8	45.0	45.1	45.0	45.4	44.4	44.0	44.2	44.6	44.8	45.1	44.8
Chemicals	18.2	18.3	18.4	18.6	18.6	18.8	18.7	18.5	18.1	18.1	18.2	18.2	18.4
Rubber & miscellaneous Plastic products	32.4	32.2	32.3	31.7	31.3	31.1	29.1	29.2	29.4	29.5	29.6	29.6	30.6
Miscellaneous Plastic products	22.2	22.2	22.5	22.0	21.8	21.7	20.7	21.4	21.5	21.7	21.6	21.7	21.7
Other Rubber and Plastic products	10.2	10.0	9.8	9.7	9.5	9.4	8.4	7.8	7.9	7.8	8.0	7.9	8.9
Leather & Leather products	21.3	21.8	21.9	21.7	21.9	22.0	19.7	21.6	21.1	21.1	21.5	21.3	21.4
Footwear, except rubber	12.8	12.9	13.0	12.7	12.9	13.0	10.9	12.6	12.4	12.2	12.3	12.2	12.5
Other Leather and leather products	8.5	8.9	8.9	9.0	9.0	9.0	8.8	9.0	8.7	8.9	9.2	9.1	8.9
Other nondurable goods	1.3	1.2	1.3	1.4	1.5	1.5	1.6	1.6	1.6	1.6	1.6	1.4	1.5
Construction	68.6	65.4	66.7	73.3	78.0	81.8	83.7	85.1	83.9	82.7	81.6	78.1	77.4
Transportation, Communication & Public Utilities	120.3	120.8	121.7	121.7	122.5	123.8	118.7	119.4	123.5	122.4	122.2	122.5	121.6

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MASSACHUSETTS
NONAGRICULTURAL WAGE & SALARY EMPLOYMENT
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INDUSTRY	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	AVG.
Wholesale & Retail trade	561.3	555.0	560.4	570.7	577.5	585.9	580.1	580.0	584.2	579.4	587.6	597.2	576.6
Finance, Insurance & Real Estate	155.0	155.8	156.6	156.6	158.3	161.3	163.8	163.7	161.2	158.7	158.2	158.7	159.0
Banking	46.8	47.0	47.3	47.3	47.5	48.4	49.0	48.8	48.4	48.3	48.6	49.0	48.0
Other Finance, Insurance and Real Estate	108.2	108.8	109.3	109.3	110.8	112.9	114.8	114.9	112.8	110.4	109.6	109.7	111.0
Services	600.6	619.7	627.8	641.7	646.4	630.0	626.5	634.0	637.6	646.4	649.3	648.1	634.0
Health Services	198.7	198.7	199.7	201.5	202.1	203.6	204.4	204.3	205.5	207.0	208.5	208.9	203.6
Educational Services	92.6	109.0	112.4	112.5	107.1	92.4	92.1	94.0	95.5	110.8	115.5	115.3	104.1
Other Services	309.3	0.0	0.0	327.7	337.2	334.0	330.0	335.7	336.6	328.6	325.3	323.9	326.3
Government	408.7	417.1	418.6	414.8	411.9	411.8	397.3	401.8	400.8	414.6	414.5	412.2	410.3
Federal	58.1	59.0	59.2	59.0	58.7	58.7	59.1	58.7	57.6	57.3	57.4	57.3	58.3
State	94.0	98.8	99.1	99.1	98.9	95.4	94.5	96.0	97.2	100.1	100.0	100.0	97.8
Local	256.6	259.3	260.3	256.7	254.3	257.7	243.7	247.1	246.0	257.2	257.1	254.9	254.2

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